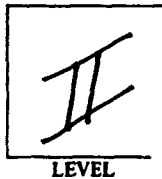


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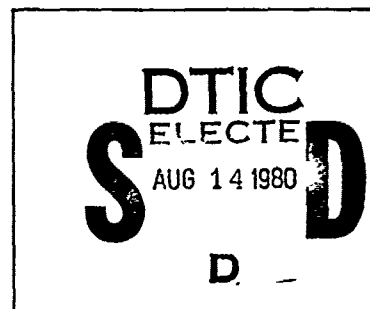
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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MONTEREY FAA CA
N 36 35 W 121 51 FLD ELEV 220 FT MRY

WBAN #23259
WMO #

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 80/066	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Monterey FAA, Monterey, CA		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 24 July, 80															
		13. NUMBER OF PAGES															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Monterey FAA, Monterey, CA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*California

**Monterey FAA, Monterey, CA

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WMO NUMBER	
23259		MONTEREY PENINSULA APT CA		N 36 35		W 121 51		220		MRY			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARO.					
1	Monterey Peninsula Apt	FAA	Jan '73	Dec 79	N 36 35	W 121 51	220	261 ft	24				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Jan 73	Located on roof	F420B	N/A	141 ft								
2	Apr 77	Located on field	Same	Same	20 ft								
3	Dec 79	Same	Same	Same	Same								

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23259

MONTEREY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		7.1				7.1	8.1	2.5			10.3	651
	03-05		8.5				8.5	7.2	1.8			9.1	649
	06-08		7.8				7.8	6.6	1.4			7.7	651
	09-11		7.4				7.4	6.9	2.3			8.6	650
	12-14		7.7				7.7	4.8	2.3			5.2	648
	15-17		6.5				6.5	5.4	3.7			8.0	647
	18-20	.2	6.8				6.8	5.9	5.1			9.9	649
	21-23		5.8				5.8	6.1	3.5			8.9	651
TOTALS		.0	7.2				7.2	6.3	2.9			8.5	5196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF- WEATHER SERVICE/MAC

WEATHER CONDITIONS

23279

MONTEREY FAA CA

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH		THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-05		11.0				11.0	3.3	.8			8.3	590
	06-11		9.1				9.1	10.0	.5			10.5	591
	12-17	.2	8.6				8.6	9.8	.7			10.3	591
	18-23	.2	7.3				7.3	5.5	1.4			6.5	587
	24-01		7.8				7.8	3.9	4.1			6.6	589
	02-07	.2	6.3				6.3	7.0	4.9			9.0	589
	08-13		3.1				3.1	9.8	3.6			11.7	591
	14-19		8.0				8.0	6.9	2.0			6.0	591
	20-25												
	26-01												
	02-07												
	08-13												
	14-19												
	20-25												
TOTALS		.1	8.3				8.3	7.7	2.3			6.9	4719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27369 MONTEREY FAA CA

73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		11.2				11.2	8.6	.8			9.4	651
	03-05		9.4				9.4	8.8	.6			9.4	651
	06-08		8.6				9.6	10.0	.9			10.9	651
	09-11		7.3				7.3	7.4	1.9			8.3	648
	12-14		5.7				5.7	4.5	2.5			6.2	649
	15-17		5.0				5.3	4.6	1.2			5.7	646
	18-20		6.9				6.9	6.8	1.2		.3	8.2	649
	21-23		8.5				8.5	7.6	.3			7.9	649
TOTALS			7.8				7.8	7.3	1.2		.0	8.3	5194

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

22219 MONTEPEY FAA CA 75-79 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		2.1				2.1	9.5				9.5	629
	03-05		6.3				6.3	12.2	.2			12.4	630
	06-08		2.5				2.5	16.3	2.1			17.5	630
	09-11		4.5				4.5	5.5	2.2			9.1	527
	12-14		2.9				2.9	3.2	1.1			3.6	530
	15-17		2.9				2.9	3.0	.3			3.3	528
	18-20		2.2				2.2	6.0				6.0	530
	21-23		3.0				3.0	8.1	.2			8.1	629
TOTALS			3.3				3.3	9.4	.5			9.7	5033

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23259

MONTEREY FAA CA

73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONLTIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02		1.8				1.8	19.2	.9			19.7	651
	03-05		2.6				2.6	26.0	1.1			26.4	651
	06-08		1.8				1.8	31.3	2.3			32.7	651
	09-11		.6				.6	14.5	2.8			16.4	648
	12-14		.5				.5	1.8	1.1			2.8	651
	15-17		1.1				1.1	3.7	.3			4.0	650
	18-20		.9				.9	8.8	.9			9.4	650
	21-23		1.4				1.4	15.1	1.4			15.4	649
TOTALS			1.3				1.3	15.1	1.4			15.9	5201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23259

MONTEREY FAA CA

73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		1.0				1.0	23.8	1.4			25.3	629
	03-05		2.2				2.2	30.1	.2			30.3	627
	06-08		2.5				2.5	35.3	1.0			35.6	629
	09-11		1.6				1.6	19.5	1.3			20.3	630
	12-14		1.0				1.0	6.2	.8			6.7	626
	15-17		.8				.8	3.8	.6			4.5	627
	18-20		.5				.5	11.3	.5			11.7	630
	21-23		.3				.3	17.9	.6			18.3	630
TOTALS			1.2				1.2	18.5	.8			19.1	5028

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23259 MONTEREY FAA CA

73-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.2	1.5				1.5	44.1	.5			44.1	651
	03-05		2.2				2.2	55.3	.2			55.5	651
	06-08		1.7				1.7	61.5				61.5	650
	09-11		.9				.9	71.7	2.0			32.5	649
	12-14		.2				.2	5.7	1.1			6.2	649
	15-17		.2				.2	3.5	.5			3.5	651
	18-20		.3				.3	22.6	.3			22.6	651
	21-23		.6				.6	33.9	.9		.2	34.1	651
TOTALS		.0	1.0				1.0	32.3	.7		.0	32.5	5203

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

23259 MONTEREY FAA CA 73-79 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02		1.1				1.1	38.5				38.5	650
	03-05		1.4				1.4	46.2				46.2	651
	06-08		2.0				2.0	52.0	.3			52.2	650
	09-11		.8				.8	32.0	.9			32.1	651
	12-14		.6				.6	8.3	1.1			8.8	650
	15-17		.3				.3	5.0	1.4			5.4	646
	18-20		.5				.5	21.8	.6			22.2	550
	21-23		.6				.6	30.6				30.6	651
TOTALS			.9				.9	29.3	.5			29.5	5199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23259

MONTEREY FAA CA

73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.6				1.6	35.7	1.4			36.3	630
	03-05		1.4				1.4	40.3	1.6			41.3	630
	06-08		1.1				1.1	47.7	1.2			48.0	629
	09-11		2.7				2.7	34.0	1.7			34.3	629
	12-14		.2				.2	11.3	1.3			12.1	629
	15-17		.2				.2	9.3	1.4			9.2	630
	18-20		1.1				1.1	22.3	1.3			22.9	628
	21-23		1.3				1.3	26.2	1.6			27.0	629
TOTALS			1.2				1.2	28.2	1.4			28.9	5034

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/HAL

WEATHER CONDITIONS

23239

MONTEREY FAA CA

73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	1.4				1.4	26.9	.3			27.3	651
	03-05		2.6				2.6	31.6	1.1			32.4	651
	06-08		2.9				2.9	34.0	1.7			34.9	650
	09-11	.2	2.2				2.2	25.3	5.1			27.6	651
	12-14	.2	1.8				1.8	12.9	7.1			14.9	650
	15-17	.3	1.2				1.2	8.9	4.9			10.0	651
	18-20		2.0				2.0	16.3	4.5			18.5	650
	21-23	.5	2.3				2.3	20.5	2.6			20.9	650
TOTALS		.2	2.1				2.1	22.1	3.5			23.3	5204

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

20259

MONTEREY FAA CA

73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /CR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		5.1				5.1	8.7	.8			9.4	630
	03-05		4.9				4.9	11.0	.5			11.4	630
	06-08		3.2				3.2	11.1	1.6			12.4	629
	09-11		3.2				3.2	9.5	1.9			11.0	627
	12-14		3.3				3.3	6.7	3.2			8.4	630
	15-17		2.7				2.7	5.1	2.9			8.3	628
	18-20		4.1				4.1	7.5	3.0			9.8	630
	21-23		5.1				5.1	8.1	1.4			8.7	630
TOTALS			4.0				4.0	8.6	1.9			9.9	5036

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2559

MONTEREY FAA CA

73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		4.6				4.6	12.3	1.5			13.5	650
	03-05		4.0				4.0	12.3	2.6			14.4	651
	06-08		6.0				6.0	10.0	1.1			10.6	651
	09-11		3.8				3.8	9.7	2.3			10.4	651
	12-14		4.5				4.5	6.3	2.3			7.4	651
	15-17		4.6				4.6	6.5	3.7			9.4	649
	18-20		7.3				7.3	8.8	4.6			12.8	643
	21-23		5.9				5.9	13.9	2.3			15.5	647
TOTALS			5.1				5.1	10.5	2.6			11.3	5198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27259 MONTEREY FAA CA 73-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	7.2				7.2	6.3	2.9			8.5	5196
FEB		.1	8.3				8.3	7.7	2.3			8.9	4719
MAR			7.8				7.8	7.3	1.2		.0	5.3	5194
APR			3.3				3.3	8.4	.8			8.7	5033
MAY			1.3				1.3	15.1	1.4			15.9	5201
JUN			1.2				1.2	18.5	.3			19.1	5028
JUL		.0	1.0				1.0	32.3	.7		.0	32.5	5203
AUG			.9				.9	29.3	.5			29.5	5199
SEP			1.2				1.2	28.2	1.4			28.9	5034
OCT		.2	2.1				2.1	22.1	3.5			23.3	5204
NOV			4.0				4.0	8.6	1.9			9.9	5036
DEC			5.1				5.1	10.0	2.6			11.8	5198
TOTALS		.0	3.6				3.6	16.2	1.7		.0	17.1	61245

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23259 MONTEREY FAA CA 73-79 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-1200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.2	.3									.9	5.3
NNE		.3	.2									.5	6.3
NE	.3	.6										.9	4.3
NNE	.3	.9	.3									1.4	5.4
E	1.2	7.5	6.8	.2								15.7	6.3
ESE	.9	7.1	6.1	.6								14.7	6.5
SE	.9	2.8	3.1	.3	.2							7.2	6.7
SSE		2.8	1.5	.2	.2							4.6	6.5
S	.9	3.2	1.5	.2								5.9	5.6
SSW	.3	1.4	.3	.3								2.3	6.0
SW	.3	1.1	.2	.2								1.7	5.5
WSW	1.2	1.7	.6	.3								3.8	5.3
W	.2	.5	.3	.3	.3							1.5	9.5
WNW		.9	.5	.8	.3							2.5	10.6
NW		.3	.9	.3	.6							2.2	12.6
NNW		.2	.2	.2								.5	9.0
VARBL													
CALM												33.8	
	7.1	31.2	22.7	3.7	1.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259 MONTEREY FAA CA 73-79 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
3300-7500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.3									.5	8.3
NNE		.5										.5	4.3
NE	.3											.3	3.0
NNE		.5	.6									1.4	7.2
E	.9	5.3	7.2	.5								14.9	6.8
ESE	1.2	8.0	7.2	1.2								17.7	6.7
SE	.9	1.8	2.3	.8	.5							6.3	7.9
SSE		1.4	1.5		.3							3.2	7.6
S	.6	3.4	1.5		.5							6.0	6.6
SSW	.2	.9	.3	.5		.2						2.0	6.7
SW	.2	1.4	.2									1.7	6.9
WSW	.9	.6	1.2	.5								3.2	7.3
W		.6	.9	.2			.2					1.8	9.5
WNW		.3	.6	.8								1.7	10.6
NW	.2		.3	.5	.5							1.4	14.1
NNW			.2	.3								.5	10.3
VARB													
CALM												36.8	
	5.4	26.2	24.5	5.1	1.7	.2	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27259 MONTEREY FAA CA 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JAN
MONTH
650-0800
HOURS (L.S.T.)

SPEED (KNT) DMR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.2									.6	5.3
NNE		.2										.2	5.2
NE	.2	.3										.5	3.7
NNE	.9	1.1	.2									2.2	4.1
E	1.3	6.8	6.6	.9								16.2	6.5
ESE	.6	6.2	8.2	.2	.2							15.2	6.9
SE	.2	5.2	2.8	.2		.2						8.5	6.5
SSE	.6	2.6	1.8	.5								3.5	6.7
S	1.2	2.9	1.2	.3								6.3	6.1
SSW	.8	1.2	.9	.2								3.1	5.6
SW	.3	1.4	.3									2.0	5.2
WSW	.6	1.1	.6									2.3	5.3
W	1.4	1.2	.6		.2							3.5	5.4
WNW	.2			.2	.2							.5	12.3
NW	.2		.2	.2	.2							.6	10.8
NNW	.2		.5	.3								.9	8.7
VARIABLE													
CALM												32.0	
	9.2	38.5	24.8	2.8	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

3950-1100
HOURS (L.S.T.)

CONDITION

SPEED (KMTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.9	.9									2.8	5.6
NNE	.6	.8	.3	.2								1.9	5.3
NE	.2	.9	1.1									2.2	6.6
NNE	.2	1.9	.6	.2								2.9	6.1
E	.9	4.8	5.0	.6								11.3	6.6
ESE	1.2	4.6	2.3	.6								8.8	6.3
SE	.5	1.9	1.5	.3	.2							4.3	7.3
SSE	.3	.9	.5	.3								2.0	5.5
S	.2	.6	1.7	.5	.3							3.3	9.5
SSW	.5	.9	.6	.2	.3	.3						2.9	9.0
SW	.9	.6	.6	.3								2.5	5.9
WSW	.8	1.4	.3	.3								2.8	5.3
W	1.2	5.1	2.2	.2								8.7	5.5
WW	.1	3.3	1.7	.5	.2							6.2	6.6
NW	.6	2.0	.9	.6								4.3	6.5
NNW	.3	1.7	.3	.2								2.5	5.6
VARB.													
CALM												30.7	
	10.2	32.4	20.7	4.8	.9	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23259 STATION NAME MONTEREY FAA CA YEARS 73-79 MONTH JAN

CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	2.5									7.1	6.0
NNE	.6	.9	2.6	.2								4.3	7.0
NE		1.7	1.4	.2								3.3	6.7
ENE		.2	1.5									1.7	3.4
E		2.3	1.1	.6								4.0	7.1
ESE	.2	.6	.9	.3								2.0	7.7
SE		.3	.2	.8								1.2	11.3
SSE		.2	.9	.6								1.7	10.8
S		.2	.5	.2	.2							.9	11.0
SSW	.2	.6	1.7	.8								3.3	9.1
SW	.5		.3	.3	.2							1.2	9.0
WSW	.3	1.5	1.7	.6								4.2	7.7
W	1.5	7.4	4.3	1.1	.5							14.9	6.8
WNW	1.2	7.6	7.9	1.1	.2	.5						18.4	7.4
NW	.9	6.3	5.9	.3								13.5	6.6
NNW	.8	3.9	2.5	.3								7.4	6.0
VARBL													
CALM												10.8	
	7.0	37.6	35.9	7.3	.9	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259 MONTEREY FAA CA 73-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.7	1.7									6.2	5.5
NNE	.3	1.2	.8	.5	.2							2.9	8.0
NE	.2	1.1	.8									2.0	5.7
ENE	.3	1.1	.6	.2								2.2	6.2
E	.5	2.0	.8	.2								3.4	5.9
ESE	.2	.8	.6	.3								1.9	7.3
SE		.5	.6	.6								1.7	9.6
SSE		.6	1.1	.6								2.3	9.1
S	.2	.5	.5	.9								2.0	10.2
SSW	.8	.6	.9	.2								2.3	6.3
SW		1.2	.5	.6								2.3	8.1
WSW	.6	2.6	2.0	.3								5.6	6.4
W	1.1	7.0	5.7	1.5								15.3	7.0
WNW	1.5	5.4	7.0	2.3	.8	.2						17.2	8.2
NW	.8	6.6	4.0	.5	.5	.3						12.7	7.2
NNW	.6	2.8	1.4	.2								4.9	5.8
VARBL													
CALM												15.1	
	7.7	37.7	28.7	8.8	1.4	.5						150.0	6.1

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 27259 MONTEREY FAA CA YEARS 73-79 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3										.6	3.6
NNE		.2										.2	5.3
NE	.6	1.2	1.1									2.9	5.3
ENE	.6	.9	.5	.3								2.3	5.7
E	1.1	8.8	5.2	.6								15.7	6.3
ESE	2.2	5.7	2.2	.5								13.5	5.4
SE	.6	3.4	1.2	.3								5.5	5.8
SSE	.6	1.7	.2	.2								2.6	5.0
S	1.5	3.5	2.0	.5	.2							7.7	6.1
SSW	.5	2.5	.5	.3								3.7	5.9
SW	.6	1.7	.9	.6								3.9	6.4
WSW	.6	3.4	1.4	.3								5.7	5.9
W	.9	2.3	2.3	.5	.2	.2						6.3	7.0
WNW		.5	.8	2.2	.5							3.9	12.0
NW	.8	.5	.6	.8	.6							3.2	19.1
NNW		.3	.2	.2								.6	8.0
VARBL													
CALM												24.7	
	10.9	36.8	19.0	7.1	1.4	.2						130.2	4.9

TOTAL NUMBER OF OBSERVATIONS 649

4676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23299 MONTEREY FAA CA 73-79 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3										.5	4.0
NNE	.3											.3	2.0
NE	.5	.8	.2									1.4	4.3
ENE	.5	.8	.2									1.4	4.3
E	1.2	9.7	4.8	.6								16.3	6.1
ESE	1.1	8.4	6.5	.5								16.4	6.2
SE	1.5	3.4	2.6	.2								7.7	5.9
SSE	.5	2.8	.9	.2								4.3	5.6
S	1.7	3.2	1.5	.8		.2						7.4	6.4
SSW	.5	2.6	.5	.3								3.8	5.8
SW	.6	2.5	.3	.2								3.5	5.1
WSW	.8	2.6	.6	.2								4.1	5.3
W	.5	1.7	1.1	.8								4.0	7.1
WNW			.3	.9	.8							2.0	15.3
NW	.3	.2	.6	.5								1.5	8.9
NNW	.2	.2	.3	.5								1.1	9.6
VARBL													
CALM												24.3	
	10.1	39.0	20.3	5.4	.8	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
MONTHS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	.7									2.4	5.6
NNE	.2	.5	.5	.1	.5							1.3	6.6
NE	.3	.8	.6	.0								1.7	5.6
ENE	.3	.9	.6	.1								1.9	6.0
E	1.0	6.0	4.7	.5								12.2	6.4
ESE	.9	5.2	4.3	.5	.0							10.9	6.4
SE	.6	2.4	1.8	.4	.1	.0						5.3	6.9
SSE	.3	1.6	1.1	.3	.1							3.3	6.9
S	.8	2.2	1.4	.4	.1	.0						4.9	6.8
SSW	.5	1.3	.7	.3	.0	.1						2.9	7.0
SW	.4	1.2	.4	.3	.0							2.4	6.1
WSW	.7	1.9	1.1	.3								4.0	6.1
W	.8	3.2	2.2	.6	.1	.0	.0					7.2	6.8
WNW	.4	2.2	2.3	1.1	.3	.1						6.5	8.5
NW	.5	2.0	1.7	.4	.3	.0						4.9	7.8
NNW	.3	1.1	.7	.3								2.3	6.5
VARBL													
CALM												26.0	
	8.5	33.9	24.6	5.6	1.2	.2	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

5189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23209
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

3000-7200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.5								.8	9.6
NNE		.2										.2	5.0
NE													
ENE		.8	.3									1.2	5.4
E	.3	5.1	5.4	.2								11.0	6.5
ESE	.7	6.6	5.8	.2								13.2	6.2
SE	1.4	5.1	2.4	.2								9.0	5.5
SSE	1.2	2.5	.8	.3								4.9	5.4
S	1.0	4.6	1.0	1.4								8.0	6.5
SSW	.7	3.1	.3	.2								4.2	5.4
SW	.5	3.1	1.0	.2	.2							4.9	6.3
WSW		1.4	.7	.5								2.5	7.7
W		2.7	2.7									5.4	6.9
WNW	.2	1.2	1.3	.2								2.5	6.8
NW		.7		.2								.8	6.4
NNW			.2	.3								.5	11.3
VARBL													
CALM												30.7	
	5.9	37.1	21.9	4.2	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-2-79 STATION MONTEREY FAA CA 73-79 YEARS FEB MONTH
STATION NAME ALL WEATHER CLAS 2300-2500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2	.5								.7	11.5
NNE		.7										.3	5.5
NE		.2										.2	5.0
ENE	.5	.3										.8	3.6
E	4.5	6.6	3.8	.5								11.7	6.3
ESE	.8	7.4	5.2	.5								14.9	6.2
SE	1.7	4.4	2.5	.3								9.0	5.5
SSE	.3	1.7	.8									2.9	5.5
S	1.7	2.5	1.7	.3								5.6	6.2
SSW	.3	2.7	1.2									4.2	5.8
SW	.7	2.2	.3	.5								3.7	6.4
WSW	.2	1.7	1.2	.5								3.6	7.6
W	.5	.8	1.0	.2								2.5	6.3
WNW		.3	.8	.7	.5							2.4	11.4
NW		.5	.2		.2							.8	8.2
NNW													
VARBL													
CALM												37.6	
	7.6	31.8	18.3	4.1	.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259 MONTEREY FAA CA 73-79 FEB
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2										.2	5.0
NNE	.3											.3	3.0
NE													
ENE	.5	.7										1.2	3.9
E	.7	6.4	6.1	1.4								14.6	7.2
ESE	1.0	9.1	5.4	.7								16.2	6.4
SE	.8	5.6	2.9	.2								9.5	5.7
SSE	1.2	2.7	.7									3.9	4.6
S	.9	2.9	2.7									6.8	5.3
SSW	.7	2.2	1.0	.2								4.1	6.1
SW	.8	.8	1.4	.8								3.9	7.8
WSW	.2	3.0	.2									3.4	5.1
W		.7	.5	.3								1.5	5.4
WNW	.2	.3	.7	.7	.3							2.2	11.2
NW	.2	.5	.7	.5	.2							2.0	9.8
NNW													
VARBL													
CALM												30.3	
	8.5	34.5	21.5	4.7	.5							109.0	4.0

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25219 MONTEREY FAA CA 73-79 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
3900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	.7									3.6	5.4
NNE	.3	.7	.3	.3								1.7	6.6
NE		1.0	1.0									2.0	6.8
ENE	.2	1.2	1.5	.3	.2							3.4	6.2
E	1.4	4.5	1.7	.2								7.8	5.5
ESE	.5	3.1	1.2	.2		.2						5.1	6.3
SE	.5	1.7	.7	.5								3.4	6.5
SSE		.5	.3	.5								1.4	8.5
S	.9	1.7	1.4	.5	.2							4.5	7.1
SSW	.2	.9	2.2	.3								3.6	7.4
SW	.3	.5	.5	.3								1.7	7.7
WSW	.2	2.4	1.0	.9								4.4	7.0
W	.7	6.3	3.4	1.5	.2							12.1	7.2
WNW	1.0	4.1	2.7	.9	.3	.5						9.6	8.0
NW	.7	1.9	2.4		.2							5.1	6.9
NNW	.2	2.0	.5									2.7	5.8
VARBL													
CALM												27.6	
	7.3	35.2	21.7	6.5	1.0	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 586

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23259 STATION MONTEREY FAA CA 73-79 YEARS FEB MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.6	2.4	.2								5.4	6.4
NNE	.3	.5	.5	.2								1.5	6.8
NE		.7	.5	.2								1.4	7.5
ENE		.9	.7	.2	.3							2.0	8.5
E		.9	1.0	.5								2.4	8.1
ESE	.2	.2	.5	.2								1.0	8.5
SE	.2	.3	.5	.2								1.2	7.1
SSE	.2	.2	.2	.5	.2							1.2	11.3
S		.3	3.1	.7	.2							4.3	10.1
SSW		.5	1.5	.9								2.9	9.7
SW	.3	.7	.5	.7	.3							2.6	9.7
WSW	.2	2.0	3.2	1.4								6.8	8.4
W	.9	5.4	7.0	2.2	.7	.2						16.3	8.3
WNW	.9	6.3	11.1	2.0	1.9	.2						22.3	8.6
NW	.5	6.6	7.7	1.4	.5							16.7	7.7
NNW	.3	4.1	3.6	.3								8.3	6.9
VARBL													
CALM												3.7	
	4.3	32.1	43.9	11.6	4.1	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22259 MONTEREY FAA CA 73-79
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION
FEB
1500-1700
MOON (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.9	1.4									3.9	5.7
NNE	.2	.5	.3									1.3	6.0
NE		.3	.3									.7	7.5
ENE	.2	.7	.2	.2								1.2	6.1
E		.8	.2	.2								1.2	6.4
ESE		.3	1.9	.2								2.4	8.8
SE	.2		1.2	.3								1.7	10.0
SSE	.2	.2	.5	.5	.3							1.7	11.5
S	.3	1.2	.8	1.4	.2	.2						4.1	10.2
SSW	.2	.5	1.9	.5	.3							3.4	9.6
SW	.3	1.7	2.9	.8								5.8	8.0
WSW		2.2	4.9	2.2								9.3	9.1
W	.2	3.4	9.2	3.1	.8	.2						16.8	9.3
WNW	.2	4.9	10.0	3.6	1.9	.3						22.9	9.7
NW	.5	4.4	7.3	1.0	.7		.2					14.1	8.5
NNW	.3	3.2	1.9	.2	.2							5.8	6.6
VARBL													
CALM												5.1	
	3.4	26.3	44.8	14.1	4.4	.7	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 589

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23239 MONTEREY FAA CA 73-79 FEB 1968-2000
STATION NAME YEARS MONTHS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.7	.2									1.4	4.3
NNE	.2	.2										.3	4.3
NE	.2	.2										.3	3.5
ENE	.3	.7	.5									1.5	5.7
E	.5	4.1	3.2	.2								8.8	5.3
ESE	.7	2.9	1.7									5.2	5.6
SE	.5	2.2	1.0	.2								3.9	6.2
SSE	.3	2.4	1.0	.2								3.9	6.2
S	1.5	5.1	1.2	.8								8.6	6.2
SSW	1.5	4.7	2.4	.3								9.0	5.8
SW	.7	2.4	1.7	.2								4.9	6.1
WSW	1.7	4.9	2.7	.2	.2							9.0	6.4
W	.2	5.4	3.2	1.9		.2						10.8	7.8
WNW	.3	2.5	1.7	2.5	.8							7.6	9.3
NW		2.5	.5	.5	.3							3.9	5.1
NNW		1.2	.2	.3								1.7	6.7
VARBL													
CALM												20.0	
	8.5	42.0	21.2	6.9	1.4	.2						100.3	5.4

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23289 STATION MONTEPEY FAA CA YEARS 75-79
STATION NAME CLASS ALL WEATHER
CONDITION

FEB 2000-2300
MONTH (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.3										.3	4.0
NNE		.3										.3	5.5
NE	.5											.5	2.7
ENE		1.9	.2									2.0	5.1
E	.2	4.9	3.9	.7								9.7	6.8
ESE	.7	8.0	4.2	1.0								13.9	6.4
SE	.7	3.4	2.0	.3								6.4	6.2
SSE	.3	1.7	1.4									3.4	6.2
S	1.0	6.6	2.2	1.2								11.0	6.5
SSW	1.0	3.2	1.2	.3								5.8	5.7
SW	1.0	4.2	.7									5.9	5.3
WSW	.8	3.9	1.0	.7								6.4	5.9
W	1.2	2.7	2.7	.5	.2							7.3	7.1
WNW		1.0	.7	1.2								2.9	9.2
NW	.3	.3	.5	1.2	.2							2.5	10.6
NNW		.3										.3	4.5
YARL													
CALM												21.2	
	7.8	42.9	20.7	7.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 590

4681

SURFACE WINDS

Feb

ALL

NEW YORK (L.S.T.)

NEW YORK (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS

4716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25277 STATION MONTEREY FAA CA 73-79 YEARS 4AD MONTH
ALL WEATHER CLASS 0000-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	.2	.3	.2									.6	5.3
ENE		1.1										1.1	4.7
E	1.1	4.5	2.6									8.2	5.6
ESE	.6	8.2	2.5									11.2	5.7
SE	.8	3.2	2.5	.2	.2							6.8	5.6
SSE	.3	2.8	.8	.2								4.0	5.7
S	1.8	5.8	2.0	.9	.2							10.8	5.1
SSW	.5	3.4	1.8		.2							5.8	6.0
SW	.3	2.6	1.4	.3								4.6	6.5
WSW	1.1	4.9	1.4	.2								7.5	5.4
W	.5	2.9	2.8	1.1								7.2	7.5
WNW		1.1	2.6	1.2	1.1	.3						6.3	11.7
NW	.2	.3	2.2	.9	.2							3.7	10.3
NNW		.2	.3	.2	.5							1.1	13.7
VARBL													
CALM												21.1	
	7.2	41.2	22.9	5.1	2.2	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
STATION

MONTEPEY FAA CA
STATION NAME

73-79
YEARS

4AD
MONTH

ALL WEATHER
CLASS

1300-2500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.2	.2	.2							1.5	6.9
NNE			.2									.2	7.2
NE		.3	.2									.5	5.7
ENE	.2	.3	.2									.6	4.8
E	1.5	5.2	2.5									9.2	5.4
ESE	.3	5.2	3.8	.3								9.7	6.4
SE	1.5	4.6	1.8	.2	.2							8.3	5.6
SSE	.5	3.5	1.7	.2								5.8	5.8
S	.5	5.1	2.8	.6								8.9	6.1
SSW	.5	2.3	1.4									4.1	5.8
SW	.8	1.7	1.1	.2								3.7	5.8
WSW	.6	2.8	2.3		.2							5.8	6.2
W	.3	2.2	2.5	.6	.3							5.8	7.9
WNW		1.7	1.4	1.1	.6	.2	.2					5.1	10.8
NW	.2	1.2	1.5	.2	.2							3.2	7.8
NNW	.5		.2	.6	.5							1.7	12.1
VARBL													
CALM												25.8	
	7.8	36.6	23.5	4.0	2.0	.2	.2					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23255
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2601-0801
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.2		.2							.9	7.8
NNE	.2	.2	.2									.5	4.7
NE	.2	.3										.5	4.3
ENE	.3	.5	.5									1.2	5.1
E	1.5	6.0	4.3	.5								12.3	6.3
ESE	2.2	7.2	3.8									13.2	5.5
SE	.5	3.7	2.2	.2								6.5	6.1
SSE	.3	3.4	.9	.5								5.1	6.1
S	1.4	4.0	2.3	.3								8.0	5.9
SSW	.5	2.3	1.5	.2								4.5	5.8
SW	.6	1.7	.5									2.8	5.2
WSW	.5	2.6	1.5									4.6	5.8
W	.2	2.0	2.6	.9								5.7	7.9
WNW	.2	.5	2.0	1.4	.2		.3					4.5	11.7
NW	.2	.3	1.5	.9	.2		.2					3.2	10.9
NNW			.2	.9	.3							1.4	14.9
VARBL													
CALM												25.3	
	8.4	35.2	24.1	5.7	.8		.5					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
419 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23252
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1973-1979
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	.9	.3								4.5	6.0
NNE	.3	.5	.5	.2								1.4	6.2
NE	.3	.6	.2	.5								1.5	7.3
ENE	.6	1.4	1.1	.3								3.4	6.6
E	.6	2.2	.8	.3								3.9	6.1
ESE	.9	1.2	.8									2.9	5.1
SE	.3	1.1	.5									1.9	5.8
SSE		1.5	.5	.2								2.2	6.5
S	.2	1.5	2.2	.3	.2							4.3	8.1
SSW	.2	.8	1.4	.2								2.5	7.5
SW	.3	.9	1.5	.3								3.1	7.6
WSW	.6	2.2	1.5	.5	.2							4.9	6.9
W	1.2	4.8	5.4	2.7	.2		.2					13.6	8.1
WNW	.3	5.9	5.4	2.2	.8	.3	.2					15.0	8.9
NW	.6	4.6	4.8	1.2	.3							11.4	7.6
NNW	.5	4.8	3.5	.8								9.6	7.0
VARBL													
CALM												14.0	
	7.4	36.6	30.7	9.1	1.5	.3	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

648

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23219 MONTEREY FAA CA 73-79 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.7	.3	.2							4.5	7.7
NNE		.2	.2									.3	6.0
NE	.3	.3	.2	.2								.9	6.2
ENE	.2	.3	.3	.2								.9	6.3
E		.3	.5	.2								.9	6.3
ESE		.3	.2	.2								.6	7.5
SE		.3	.3									.6	8.0
SSE			.6	.2								.8	9.8
S			1.4	1.1								2.5	11.5
SSW		.5	2.0	.6	.2							3.2	9.7
SW	.2	.8	.6	.8		.2						2.5	9.3
WSW	.2	1.2	4.2	2.3	.2	.2						8.2	9.8
W	.2	2.8	9.4	6.0	1.5		.2					20.0	10.8
WNW	.8	3.2	11.2	5.5	3.2	.5	.5					25.0	11.1
NW	.5	3.4	9.6	3.9	1.4							18.6	9.6
NNW		2.6	4.9	1.1	.3							8.9	8.6
VARBL													
CALM												2.0	
	2.3	17.9	47.1	22.3	6.9	.8	.6					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23259 MONTEREY FAA CA 73-79 MAP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.5									1.9	5.7
NNE		.3	.2									.5	5.3
NE		.3										.3	4.7
ENE		.2	.2									.3	6.5
E		.3	.5	.2								.9	7.3
ESE		.5	.6	.2								1.2	7.9
SE		.3	.3	.3								1.4	7.7
SSE		.2	.5	.5								1.1	11.3
S		.2	1.2	.5	.2							2.3	10.2
SSW		.3	2.2	.8	.3							3.6	10.9
SW		1.7	1.5	1.5								4.6	8.6
WSW	.2	1.9	7.1	2.3								11.5	9.0
W	.2	4.3	11.9	8.5	2.2	.3						26.0	10.6
WNW		3.9	9.1	5.9	2.2	.8	.6	.3				22.8	12.0
NW	.2	1.4	7.7	2.8	.9	.2						13.2	10.2
NNW	.3	2.3	2.3	.6	.2							5.9	7.4
VARBL													
CALM												.8	
	2.2	19.2	45.8	24.0	5.9	1.2	.6	.3				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23209 MONTEREY FAA CA YEARS 73-79 MAP NORTH
CLASS ALL WEATHER
CONDITION

1830-2100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.5									.9	5.8
NNE	.2	.2	.3									.6	5.8
NE	.3	.3										.6	4.5
ENE		1.1	.8									1.9	6.5
E		1.5	1.1									2.6	6.7
ESE		2.8	1.5									4.3	6.2
SE	.5	1.1	.6		.2							2.3	6.2
SSE	.6	.8	.8	.3								2.5	6.3
S	1.2	2.9	2.3	.2	.2							6.8	6.0
SSW	.9	2.6	1.9	.8	.2							6.3	7.1
SW	.8	4.0	1.5	.8								7.1	6.1
WSW	.5	5.6	6.5	.2		.2						12.8	7.0
W	1.1	5.9	9.4	4.0	1.4	.2						21.9	9.2
WNW	.5	2.2	3.9	4.3	2.2	.5						13.4	12.1
NW	.2	1.4	.9	.8	.2	.2	.3					3.9	10.8
NNW	.2	.5	.3	.3								1.2	8.4
VARBL													
CALM												10.8	
	6.9	33.2	32.3	11.6	4.2	.9	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 648

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEAR

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5									.8	8.9
NNE	.3	.2	.2									.5	4.8
NE	.2	.2										.3	3.5
ENE	.2	.6										.8	4.2
E	.6	4.9	2.6	.2								8.3	6.1
ESE	.5	5.2	2.9	.2								8.8	5.2
SE	1.4	2.0	1.5									4.9	5.3
SSE	.6	2.7	1.1									3.7	5.1
S	1.7	5.7	2.2	.8								12.3	5.8
SSW	1.4	5.7	1.2	.3								8.6	5.3
SW	1.1	3.9	2.3	.6								7.9	6.0
WSW	.7	4.3	2.6	.2								6.9	6.3
W	.6	3.4	4.8	3.2	.2	.5						12.7	9.5
WNW	.2	1.4	3.2	2.0	.2	.3	.2					7.4	11.0
NW		.6	.9	1.2	.6	.2						3.5	12.7
NNW	.3	.5		.2								.9	6.0
VARBL													
CALM												13.4	
	9.1	40.6	26.1	8.8	.9	.9	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

648

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2025 MONTEREY FAA CA 75-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAP
MONTH
ALL
MONTH (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.9	.5	.1	.1							1.6	6.7
NNE	.1	.2	.2	.0								.5	5.8
NE	.2	.3	.1	.1								.7	5.6
ENE	.2	.7	.4	.1								1.3	5.9
E	.7	3.1	1.8	.2								5.8	5.9
ESE	.6	3.8	2.0	.1								5.5	5.9
SE	.6	2.1	1.2	.1	.1							4.1	6.1
SSE	.3	1.3	.6	.2								3.1	6.3
S	.6	3.2	2.7	.6	.1							6.7	5.6
SSW	.5	2.2	1.7	.3	.1							4.8	6.8
SW	.5	2.2	1.3	.6		.0						4.5	6.7
WSW	.5	3.1	3.4	.7	.1	.0						7.8	7.3
W	.6	3.5	6.1	3.3	.7	.1	.0					14.4	9.5
WNW	.2	2.5	4.9	2.9	1.3	.3	.2	.0				12.4	11.2
NW	.2	1.7	3.6	1.5	.5	.1	.1					7.6	9.6
NNW	.3	1.3	1.5	.6	.2							3.8	6.4
VARBL													
CALM												14.2	
	6.4	32.6	31.6	11.3	3.1	.6	.3	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20079
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

0001-0270
NOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.3	3.5
NNE	.2											.2	2.1
NE	.2	.2										.3	4.1
ENE		.3										.3	5.1
E	.3	3.3	2.7									5.4	6.2
ESE	1.3	5.4	2.4	.2								10.2	5.5
SE	.6	1.9	1.0									3.5	5.2
SSE	.3	2.2	1.1									3.7	5.7
S	1.1	9.1	1.6									11.8	5.0
SSW	1.3	5.2	1.3									7.8	5.3
SW	.5	4.8	1.1									6.4	5.3
WSW	.5	5.7	3.8									10.2	6.1
W	.6	2.9	4.3	1.4	.3							9.5	8.2
WNW	.3	.2	1.4	2.5	.6	.2	.2					5.4	13.3
NW	.3	.3		.5	.2							1.3	9.1
NNW		.2										.2	4.0
VARBL													
CALM												22.7	
	7.6	42.8	20.7	4.8	1.1	.2	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27289
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

APD
MONTH

ALL WEATHER
CLASS

1300-1500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.2
NNE													
NE	.2	.2										.3	3.5
ENE		.3										.3	4.5
E	.3	4.4	4.3									9.0	6.5
ESE	.8	6.7	4.0									11.4	5.9
SE	1.0	2.2	1.4									4.6	5.6
SSE	.8	2.4	.6									3.8	5.1
S	1.1	6.7	1.1									8.9	5.0
SSW	.5	4.3	.8	.5								6.0	5.9
SW	.5	3.8	.6		.2							5.1	5.7
WSW	.3	4.3	2.7									7.3	6.0
W	.8	3.8	3.2	.8	.3							8.1	7.5
WNW	.3	.6	2.4	1.7	.8	.3						6.2	12.3
NW		.3	.6	.6								1.6	9.8
NNW		.2										.2	5.0
VARBL													
CALM												26.5	
	6.5	49.0	21.7	3.7	1.3	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2021 MONTEPEY FAA CA 73-79 1970
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1600-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.2									.6	5.5
NNE	.2	.3										.5	4.2
NE	.2	.3										.5	4.3
ENE		.3										.6	4.6
E	1.1	4.8	2.1	.3	.2							8.4	5.9
ESE	1.4	6.5	4.3	.3								12.6	6.1
SE	.5	4.1	1.4									6.2	5.5
SSE	.3	3.3	.8									3.1	5.4
S	1.7	3.8	.8									3.4	4.6
SSW	1.4	2.4	1.1									4.9	4.9
SW	.5	2.4	.8	.2								4.6	5.6
WSW	.3	3.0	2.1	.3								5.7	6.3
W	1.6	3.3	1.7	.5	.2							7.3	6.3
WNW	.3	2.1	3.7	1.6	.6	.5						8.7	10.2
NW	.3	1.5	1.3	1.6		.2	.2					5.1	9.4
NNW	.5	.5	.2									1.3	4.6
VARBL													
CALM												22.9	
	10.8	39.4	20.3	4.8	1.0	.6	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 529

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 20219 STATION NAME MONTEREY FAA CA YEARS 73-79 APP 0900-1100
 MONTH 0900-1100
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	1.9	.3								6.1	6.2
NNE	.2		.5									.6	7.0
NE	.3	.2	.3	.2								1.0	6.7
NNE		.2	.3									.5	6.0
E	.2	.3	.5									1.0	6.0
ESE		.2	.3	.2								.6	9.0
SE		.2	.2									.3	6.5
SSE		.3		.2								.5	7.0
S	.5	1.1	.3									1.9	5.3
SSW		.3	1.6	.2								2.1	6.9
SW		.5	1.8	1.0								3.3	9.3
WSW	.3	2.7	3.8	.3								7.2	7.2
W	1.3	7.2	7.8	1.8	.2							18.8	7.7
WNW	1.3	7.5	10.0	5.8	1.0	.6						25.2	8.9
NW	1.6	6.5	7.0	2.9	.3	.2						16.5	7.8
NNW	.5	3.3	3.3	.3								7.5	6.7
VARBL													
CALM												5.7	
	6.7	32.9	39.7	12.0	2.1	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23200 MONTERLY FAA CA 73-79 800
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITIONS
1200-1800
HOURS (L.T.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-24	25-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	1.3	.2								2.5	7.0
NNE		.2										.2	6.0
NE													
ENE	.2											.2	3.1
E		.2		.2								.3	9.0
ESE				.3								.3	13.5
SE		.2										.2	5.0
SSE		.2										.2	4.0
S		.2	.5	.3								1.3	9.1
SSW	.2	.3	.5	1.4	.2							2.5	11.7
SW		.2	1.4	1.3	.2							3.6	11.2
WSW		.6	5.1	4.5								9.7	16.5
W	.8	2.1	6.7	5.6	.3	.2						18.6	10.6
WNW	.3	3.2	9.5	12.1	2.1	.6	.3					25.1	11.7
NW	.3	2.9	13.7	3.6	1.9	.2						24.5	10.7
NNW	.2	2.1	4.8	1.4								8.4	8.4
VARIABLE													
CALM													
	1.9	13.4	42.5	39.3	4.6	1.0	.3					108.5	10.6

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAG
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23212 STATION NAME MONTEREY FAA CA YEARS 73-79 APR 4
NORTH
CLASS ALL WEATHER
HOURS (L.S.T.) 1530-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.4									2.5	5.9
NNE	.2	.2	.2									.5	6.0
NE													
ENE		.3										.3	4.5
E				.2								.2	13.0
ESE		.2										.2	6.0
SE				.3								.3	15.0
SSE			.3									.3	9.0
S		.3	1.1	.8								2.2	9.9
SSW			1.8	1.0	.5							3.2	11.7
SW		.3	2.4	1.8								4.5	10.5
WSW	.2	1.0	5.7	4.6	.2							11.6	10.7
W	.2	2.2	13.9	14.0	2.2	.3	.2					33.3	11.7
WNW		1.0	10.7	7.2	1.9	1.0	.5					22.1	12.4
NW	.6	1.8	9.1	3.0	.2	.2						14.8	9.5
NNW	.3	1.0	2.1	.3								3.7	7.5
VARBL													
CALM												.6	
	1.6	9.1	48.6	33.1	4.9	1.4	.6					100.3	10.9

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23249
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2100
HOURS (L.S.T.)

COMMENTS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.5									1.1	0.1
NNE	.2	.3										.5	4.3
NE		.3										.3	5.5
ENE		.5										.5	4.3
E	.2	.6	.3									1.1	5.3
ESE		1.1	.2									1.1	5.3
SE		.8	.3	.2								1.3	6.8
SSE	.5	1.0										1.4	4.1
S	1.1	2.3	1.1	.3								5.7	5.6
SSW	.8	5.1	2.4	.8								9.0	6.4
SW	.8	4.3	2.7	.2								7.9	6.2
WSW	1.1	9.2	8.4	1.1								19.8	6.8
W	.3	5.2	13.8	5.4	.6	.2	.2					26.7	9.3
WNW	.5	1.6	4.4	2.8	1.3	.3	.3					12.2	11.7
NW	.2	1.3	.6	.8								2.9	8.0
NNW		1.3	.6									1.9	6.3
VARBL													
CALM												6.5	
	5.6	37.1	35.4	12.5	1.9	.5	.5					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27274 STATION MONTEREY FAA CA 73-79 YEARS
STATION NAME CLASS MONTH
ALL WEATHERED 21-0-250
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.2	16.7
NNE	.2	.2										.3	4.3
NE		.3										.3	5.5
ENE	.2	.2										.3	3.5
E	.5	3.5	.5									4.8	4.6
ESE	.5	1.9	1.4									3.8	5.7
SE	.8	2.5	1.6									4.9	5.4
SSE	.5	2.7	.5									3.7	5.1
S	1.7	7.9	1.3	.2								11.1	5.7
SSW	1.3	6.4	2.2									9.9	5.4
SW	.8	5.7	3.5									10.0	6.0
WSW	.5	7.3	4.3									12.2	5.9
W	.5	4.6	5.2	1.7	.6							12.7	8.4
WNW	.2	1.3	2.1	1.7	.2	.2	.5	.2				6.2	12.4
NW	.3	.6	1.3	.5	.3							3.0	9.5
NNW		.2										.2	4.0
VARBL													
CALM												15.4	
	6.3	45.3	24.0	4.1	1.1	.2	.5	.2				137.0	5.5

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27250
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
MOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.7	.1								1.6	6.4
NNE	.1	.1	.1									.3	5.1
NE	.1	.2	.0	.0								.3	5.2
ENE	.0	.3	.0									.4	4.9
E	.4	2.1	1.3	.1	.7							3.9	6.7
ESE	.5	2.8	1.6	.1								5.0	5.9
SE	.4	1.5	.7	.1								2.7	5.7
SSE	.3	1.5	.4	.7								2.2	5.3
S	.9	4.1	1.0	.2								6.2	5.4
SSW	.7	3.3	1.5	.5	.1							5.7	6.5
SW	.4	2.6	1.8	.5	.1							5.5	6.9
WSW	.4	4.2	4.5	1.3	.7							10.5	7.5
W	.8	3.9	7.1	4.3	.7	.1	.0					16.8	9.4
WNW	.4	2.2	5.5	4.4	1.1	.5	.2	.0				14.3	11.3
NW	.5	1.9	3.8	2.3	.4	.1	.0					8.9	9.4
NNW	.2	1.1	1.4	.3								2.9	7.2
VARBL													
CALM												12.7	
	6.1	32.5	31.4	14.2	2.2	.6	.3	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

5031

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27289
STATION

MONTEREY FAA CA
STATION NAME

75-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.1
NNE		.5										.5	4.7
NE		.2										.2	5.1
ENE	.2											.2	3.1
E		2.0	1.2									3.2	5.8
ESE	.2	2.3	1.2									3.7	5.9
SE	.2	1.8	.9									2.9	5.4
SSE	.3	.6	.6									1.5	5.3
S	.2	3.4	.6									4.1	5.1
SSW	.3	4.9	1.1									6.3	5.3
SW	1.2	4.1	1.4									6.8	5.1
WSW	1.4	8.3	5.1									14.7	5.9
W	.9	6.5	9.8	2.9								23.1	7.9
WNW	.5	2.3	2.3	1.2	.2							6.5	8.1
NW	.2	.2	.2		.3							.8	11.4
NNW	.8	.3		.3								1.4	5.9
VARBL													
CALM												27.0	
	5.3	37.3	24.4	4.5	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.6
STATION

MONTEPEY FAA CA
STATION NAME

73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1300-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2										.2	5.0
NNE													
NE		.2										.2	5.0
ENE	.2	.2										.3	5.0
E	.5	2.5	1.5									4.6	5.7
ESE	.5	4.5	.9									5.8	5.3
SE		1.1	.8									1.8	6.5
SSE	.2	.5	.3									1.1	5.0
S	.5	4.1	1.2									6.0	5.2
SSW	.3	5.1	1.4									6.8	5.2
SW	2.3	3.1	1.7	.2								7.2	5.2
WSW	1.7	6.6	3.7									12.0	5.6
W	1.5	7.5	6.0	2.2								17.2	7.1
WNW	.2	1.5	1.8	.3	.2							4.0	7.4
NW	.1	.6		.2	.2							1.1	8.0
NNW	.3	.8	.2		.2	.3						2.2	8.4
VARBL													
CALM												29.6	
	8.9	38.4	19.5	2.8	.5	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27200 MONTEREY FAA CA 73-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2										.6	3.5
NNE		.3										.3	4.5
NE		.5	.2									.6	4.9
ENE	.3	.9		.2								1.4	5.4
E	.2	2.5	1.1									3.7	5.6
ESE	.5	3.5	.8									4.8	5.1
SE		1.4	.3									1.7	5.5
SSE	.2	1.2	.5									1.8	5.3
S	.6	4.3	.3									5.2	4.6
SSW	.8	2.2	.8									3.7	5.3
SW	.9	2.8	.9									4.6	4.9
WSW	.8	5.4	3.1	.2								9.4	6.6
W	1.1	7.2	7.8	1.4	.3							17.8	7.1
WNW	1.1	3.8	2.3	2.2	.2							9.5	7.8
NW	.3	2.5	.9	.2	.2	.2						4.1	7.1
NNW	.5	1.4	.2									2.0	4.6
VARBL													
CALM												28.7	
	7.5	39.9	19.3	4.0	.6	.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23200 MONTEREY FAA CA 73-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	.9	.2								4.5	5.3
NNE		.3	.2									.5	5.7
NE	.2	.5		.2								.6	5.4
ENE		.5	.2									.6	5.8
E			.2									.2	15.7
ESE	.2											.2	3.7
SE													
SSE													
S	.2	.2	.2									.5	4.7
SSW	.5	.3	.3									1.1	4.6
SW		.5	1.2	.5								2.2	8.5
WSW	.2	1.2	2.9	.6								4.9	7.9
W	.5	5.2	13.4	4.0	.7	.3						23.9	9.1
WNW	.6	8.7	11.3	5.3	.6	.5						27.5	9.7
NW	.2	5.1	13.2	2.0	.3							17.6	8.2
NNW	.5	4.9	4.3	.3	.3							10.3	6.9
VARBL													
CALM												5.4	
	3.4	29.5	45.1	14.0	1.9	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 685

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20205 STATION NAME MONTEREY FAA CA YEAR 73-79 MONTH MAY
CLASS ALL WEATHER PERIOD 1200-1400
CONDITION UNUS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.6	2.0	.2								4.9	6.7
NNE		.3										.3	4.0
NE													
ENE			.2									.2	6.1
E			.2									.2	6.7
ESE													
SE													
SSE													
S				.3								.3	13.5
SSW		.2	.3	.2								.6	9.3
SW		.5	1.4	1.7	.2	.2						3.8	11.4
WSW	.2	1.4	3.4	3.4	.2							6.4	10.0
W		1.4	14.4	12.6	2.6	.2	.2					31.3	11.7
WNW	.5	1.7	10.3	10.0	1.7	.3						24.4	11.2
NW		1.4	8.4	6.1	.5							16.4	10.5
NNW		2.9	4.3	.9	.2							6.3	6.1
VARBL													
CALM												.8	
	.8	12.3	44.9	35.3	5.2	.6	.2					107.0	11.5

TOTAL NUMBER OF OBSERVATIONS 551

4693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20259 MONTPEY FAA CA 73-79

STATION STATION NAME YEAR

ALL WEATHER

CLASS

CONDITION

WAV
1520-177
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5	.9									3.4	6.1
NNE		.2	.3									.5	7.7
NE	.2	.2										.3	9.1
ENE			.2									.2	9.1
E			.2									.2	10.0
ESE													
SE													
SSE													
S													
SSW		.2	.3									.5	7.7
SW		.5	2.9	1.7								5.1	10.2
WSW	.3	.9	7.2	3.7	.3							12.5	10.1
W	.5	2.5	18.5	18.5	2.8	.3						42.9	11.3
WNW	.2	2.3	9.7	6.5	1.8	.3						20.3	11.1
NW	.2	2.3	5.1	1.1		.2	.3					9.1	9.5
NNW	.2	1.7	3.1									4.9	7.2
VARBL													
CALM												.3	
	1.4	12.8	48.3	31.2	4.9	.8	.3					170.0	11.4

TOTAL NUMBER OF OBSERVATIONS 652

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

202 9 MONTEREY FAA CA 73-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.7	.5									2.3	5.3
NNE		.2	.2									.3	5.5
NE	.2	.5	.2									.9	5.7
ENE	.3	.2										.5	5.3
E	.2	.5	.8									1.5	5.7
ESE		.6	.6									1.2	5.5
SE		.3										.3	5.0
SSE		.2	.2									.3	5.0
S	.3	1.5	.2		.2							2.2	5.7
SSW	.5	3.1	1.4	.2								5.1	5.9
SW	.5	3.7	2.9	.5								7.6	6.6
WSW	.8	7.2	12.3	2.5	.2							23.5	7.8
W	1.2	8.2	17.9	7.1	.5							35.0	8.8
WNW	.5	3.1	3.5	2.2	.2	.2						9.5	8.8
NW	.3	1.7	.9		.2							3.1	6.6
NNW	.2	.8	.8									1.7	5.1
VARBL													
C LM												5.5	
	4.9	33.5	42.2	12.3	1.2	.2						100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23214 STATION NAME MONTEREY FAA CA YEARS 73-79 DAY MAY
DATE 2100-2300
CLIM ALL WEATHER
COND MOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	3.0
NNE	.2											.2	3.0
NE	.2	.9										1.1	4.3
ENE	.2	.5	.3									.9	5.0
E	.5	2.8	.9									4.2	5.7
ESE	.5	1.5	1.7									3.7	6.0
SE		.9										.9	5.8
SSE	.2	1.1	.9									2.2	5.9
S	.6	3.9	.8									5.2	4.9
SSW	.6	6.3	1.8									6.5	5.6
SW	1.1	4.8	1.8	.2	.2							6.0	5.5
WSW	1.1	11.6	6.6	.3								19.6	6.1
W	1.7	7.7	13.6	3.4								23.4	7.7
WNW	.2	.3	2.2	1.5		.2						4.8	9.8
NW	.2	.3	.2	.5								1.1	8.7
NNW	.2		.2									.3	5.0
VARS													
CALM												15.9	
	7.2	42.7	28.7	5.9	.2	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
HAFS/FAO
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20213 MONTEREY FAA CA 73-79
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
NAV
SOURCE
ALL
MODE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	.5	.0								2.6	5.6
NNE	.0	.2	.1									.3	5.3
N E	.1	.4	.0	.0								.5	4.9
ENE	.1	.2	.1	.0								.5	5.1
E	.2	1.3	.7									2.2	5.9
ESE	.2	1.6	.7									2.4	5.6
SE	.0	.7	.2									1.0	5.5
ESE	.1	.5	.3									.9	5.5
S	.3	2.2	.4	.0	.0							2.9	5.1
SSW	.4	2.7	.9	.0								4.1	5.5
SW	.7	2.6	1.8	.6	.0	.0						5.7	5.7
WSW	.8	5.3	5.5	1.3	.1							13.1	7.2
W	.9	5.0	12.3	6.5	.8	.1	.0					26.5	9.3
WNW	.4	2.9	5.4	3.7	.6	.2						13.3	9.7
NW	.2	1.7	3.2	1.2	.2	.7	.0					6.7	9.0
NNW	.4	1.6	1.6	.2	.1	.0						3.7	7.1
VARB.													
CALM												14.2	
	5.1	32.8	33.9	13.7	1.9	.4	.1					102.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20073 MONTEREY FAA CA YEARS 73-79 MONTH JULY
STATION NAME CLASS ALL WEATHER
COMMENTS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	3.0
NNE	.5	.3										.8	3.3
NE		.3	.2									.5	3.7
NNE	.7	.5	.2	.2								1.1	3.9
E	.6	3.5	.5										3.2
ESE	1.1	1.3	.5										4.7
SE		1.1	.2									1.1	5.1
SSE		.2										.2	3.7
S	2.2	3.9	.8									7.1	4.8
SSW	.3	5.9	2.5									8.7	5.6
SW	.6	5.7	2.5									8.9	5.6
WSW	.8	8.6	4.3	.5								14.1	6.1
W	.3	5.2	8.9									15.4	7.1
WNW	1.1	1.4	1.3									3.8	6.0
NW		.6										.5	4.5
NNW	.2											.2	3.0
VARBL													
CALM												29.7	
	3.6	39.3	21.8	.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20209 MONTEREY FAA CA 73-79 JUN
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6										.8	4.7
NNE	.3	.3										.6	3.8
NE			.2									.2	7.0
ENE	.2	.5	.2									.6	4.4
E	.3	3.7	.6									4.8	5.0
ESE	.5	3.2										3.7	4.7
SE		1.1										1.1	5.3
SSE	.3	.5	.2									1.0	4.5
S	2.4	3.5	.6									3.5	4.4
SSW	.6	7.2	.8									8.5	5.0
SW	.5	5.6	1.4									7.5	5.3
WSW	1.1	5.3	4.5	.5								11.3	6.3
W	.8	4.1	6.9	.5								12.3	7.0
WNW	.6	2.4	1.4									4.5	6.1
NW		.6	.2									.8	5.2
NNW	.2	.3										.5	4.0
VAAT													
CALA												35.2	
	8.1	38.8	16.9	1.0								107.0	3.6

TOTAL NUMBER OF OBSERVATIONS 627

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23099
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1600-1600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	.2									2.7	4.1
NNE	.5	.2										.5	3.0
NE	.5	.5										1.0	3.3
ENE	.6	.6										1.3	3.9
E	.6	3.3	.2									4.1	4.4
ESE	.5	1.3	.2									1.6	4.5
SE	.5	.5	.3									1.3	4.9
SSE		.5										.5	4.7
S	1.1	2.1	.3									3.5	4.2
SSW	.3	2.4	1.3									4.0	5.6
SW	.5	2.1	.6	.2								3.3	5.4
WSW	.5	6.4	3.7									10.8	5.8
W	1.4	9.1	6.2	1.1	.2							18.0	5.7
WNW	2.1	3.8	4.8	1.3								11.9	6.8
NW	.6	3.2	.6									4.5	4.9
NNW	.6	2.2	.2									3.0	4.4
VARBL													
CALM												28.0	
	11.4	39.4	18.4	2.5	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MONTEREY FAA CA YEARS 73-79 MONTH JUN
STATION NAME CLASS ALL WEATHER MONTH 900-1100
CONDITION NOVAS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	.5									3.7	5.2
NNE	.5	.5										1.0	3.5
NE		.2										.2	5.0
ENE	.2	.2										.3	3.5
E													
ESE			.2									.2	8.0
SE		.2										.2	6.0
SSE													
S	.2	.2	.3									.6	6.5
SSW	.2		.2									.3	4.5
SW		.2	.8									1.0	7.5
WSW	.5	1.3	2.7	.5								4.9	7.5
W	.3	5.9	9.8	3.7	.3							20.0	8.5
WNW	1.3	8.7	14.8	4.9	.2							29.8	8.2
NW	1.1	6.3	11.7	2.2								21.4	7.7
NNW	.6	5.4	5.1	.3	.2							11.6	6.6
VARBL													
CALM												4.9	
	5.2	31.6	46.0	11.6	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23219
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

12.0-14.0
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	2.9	.3								5.9	7.0
NNE		.8	.3									1.1	6.6
NE	.2											.2	3.0
ENE													
E			.2									.2	7.0
ESE													
SE		.2										.2	6.0
SSE													
S		.3	.2	.3								.8	8.4
SSW			.3	.6								1.0	12.0
SW			1.3	.6								1.9	10.8
WSW		.2	3.2	2.2	.2							5.8	10.6
W		1.3	10.6	13.3	1.9							27.1	11.7
WNW	.2	1.4	11.7	13.1	1.0							27.4	11.1
NW	.3	1.4	9.0	6.4	.3							17.5	10.3
NNW	.3	1.9	5.9	2.4	.2							10.7	9.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.3	
	1.0	10.3	45.5	39.4	3.5							100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICES/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21279 STATION MONTEREY FAA CA 73-79 YEARS JUN NORTH
ALL WEATHER CLASS 1800-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.2	1.3									4.2	5.5
NNE		.5	.3									.8	6.6
NE		.3										.3	5.7
ENE													
E													
ESE				.2								.2	12.7
SE													
SSE													
S		.2										.2	6.6
SSW	.2		.2									.3	5.2
SW		.2	1.4	.5	.2							2.2	9.9
WSW		1.7	10.5	4.8	.2							16.4	10.1
W	.2	2.1	21.9	17.5	1.4	.2	.2					43.4	11.1
WNW		1.1	9.3	9.7	.6							25.7	10.9
NW		1.4	4.8	1.1								7.3	8.6
NNW		1.1	2.2	.3								3.7	7.8
VARBL													
CALM												.5	
	.8	10.0	51.8	34.1	2.4	.2	.2					102.3	11.2

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 270 MONTEREY FAA CA 73-79 JUN
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	.3									2.9	4.8
NNE	.2	.8										1.0	4.3
NE	.3	.3	.6									1.3	5.8
ENE		.6										.6	4.8
E		.3	.5									.8	8.2
ESE			.2									.2	7.7
SE		.2	.2									.3	5.0
SSE			.2									.2	5.0
S		1.1	.2									1.3	5.4
SSW	.5	1.4	.6	.3								2.9	6.1
SW	.2	2.4	4.3	.3	.3							7.5	7.9
WSW	.6	9.4	12.9	2.4	.2							25.4	7.5
W	.8	8.9	24.3	5.6	.2							39.7	8.4
WNW	.2	2.7	3.8	1.0								7.6	8.0
NW	.3	.5	1.4	.2								2.5	7.1
NNW		1.9	.8									2.7	5.7
VARBL													
CALM												3.3	
	3.3	32.9	50.2	9.7	.6							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23274 STATION MONTEREY FAA CA 73-79 YEARS MONTHS JULY
STATION NAME CLASS ALL WEATHER
CONDITIONS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5										.5	4.3
NNE	.2											.2	2.1
NE	.2	1.3										1.1	4.0
ENE	.5	.8	.2									1.2	4.6
E	.6	3.3	.8									4.6	5.2
ESE		1.1	.6									1.7	5.7
SE	.3	1.1	.2									1.6	4.9
SSE	.3	.2										.5	3.5
S	.6	4.7	1.0									5.6	5.1
SSW	.6	4.3	1.4									6.3	5.4
SW	1.1	7.2	4.4									12.5	5.9
WSW	1.4	10.5	8.3	.5								20.6	6.3
W	.5	7.6	12.7	1.3								22.1	7.3
WNW	.3	1.1	1.3									2.7	6.6
NW	.2	.5	.3									1.0	6.8
NNW		.3	.2									.5	5.8
VARB													
CALM												16.6	
	7.0	43.2	31.3	1.7								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2009 MONTEREY FAA CA 73-79 JUN
STATION MONTH
ALL WEATHER
CLASS
CONDITION
MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	.6	.0								2.6	5.4
NNE	.3	.4	.1									.8	4.4
NE	.1	.3	.1									.6	4.7
ENE	.2	.4	.1	.0								.7	4.6
E	.3	1.8	.3									2.4	5.0
ESE	.3	.8	.2	.0								1.3	5.1
SE	.1	.5	.1									.7	5.1
SSE	.1	.2	.1									.3	4.5
S	.8	1.9	.4	.0								3.2	4.8
SSW	.3	2.6	.9	.1								4.0	5.6
SW	.4	2.9	2.1	.2	.1							5.6	6.5
WSW	.7	5.3	6.2	1.4	.1							13.7	7.4
W	.5	5.7	12.7	5.4	.5	.0	.0					24.7	9.0
WNW	.7	2.8	6.0	3.7	.2							13.5	9.1
NW	.3	1.9	3.5	1.2	.0							6.9	8.3
NNW	.2	1.7	1.8	.4	.0							4.1	7.1
VARBL													
CALM												14.9	
	5.7	30.7	35.2	12.6	.9	.0	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 5026

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23219 MONTEREY FAA CA 73-79 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8										1.2	3.9
NNE		.3										.3	4.5
NE		.9										.8	4.5
ENE		.6										.6	4.3
E	.9	3.1										4.0	4.0
ESE	.3	2.8	.6									3.7	5.1
SE	.5	.6		.3								1.4	5.8
SSE	.2											.2	3.7
S	.5	1.2	.5									2.2	4.6
SSW	.5	5.8	.2									6.5	5.0
SW	.6	7.5	3.1									11.2	5.6
WSW	2.7	9.1	4.0									15.1	5.4
W	1.4	9.6	6.9									16.9	6.0
WNW	.8	3.1	2.0									5.8	5.7
NW	.9	.9	.5									2.3	4.6
NNW		.3										.3	5.0
VARBL													
CALM												27.6	
	3.9	45.5	17.7	.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23244 MONTEPEY FAA CA 73-79 JUL
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.2										1.1	3.1
NNE		.8										.9	4.0
NE		1.5										1.5	5.7
ENE	.2	1.1										1.2	4.3
E	.2	3.1	.5	.2								3.8	5.3
ESE	1.4	2.2	.2									3.7	4.3
SE	.1	1.1										1.4	4.4
SSE	.2	.3										.5	3.7
S	.5	1.5	.5									2.5	4.6
SSW	.3	5.5	.8									6.6	5.2
SW	1.2	4.6	1.8	.2								7.8	5.5
WSW	2.6	9.2	2.9									13.7	5.2
W	2.3	9.1	6.6									18.0	5.7
WNW	1.1	3.1	.5									4.6	4.7
NW	.5	1.5	.6									2.6	5.0
NNW	.3	.5										.8	3.6
VARBL													
CALM												29.4	
	11.2	44.2	14.3	.3								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 650

LOCAL CLIMATOLOGY BRANCH
SCAPETWO
AFB WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

212 9 MONTEREY FAA CA 73-79 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1600-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7										2.9	4.2
NNE		.2										.2	4.2
NE	.5	.9	.2									1.5	4.1
ENE	.5	.8										1.2	3.6
E	.8	2.5	.2									3.4	4.4
ESE	.2	1.7										1.8	4.6
SE	.2	.5	.2									.5	3.7
SSE	.3	.3										.6	3.5
S	.6	1.5										2.2	4.3
SSW	.5	1.9	.6									2.9	5.1
SW	1.4	3.2	.8									5.4	4.9
WSW	.6	8.7	3.2	.2								12.0	5.6
W	2.5	9.7	6.0									18.5	5.8
WNW	1.2	5.5	3.2									10.0	5.7
NW	2.5	3.1	.2									5.7	4.1
NNW	.6	1.2										1.8	4.2
VARBL													
CALM												28.8	
	13.7	42.9	14.5	.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2327 MONTEPEY FAA CA 73-79 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	4.2	1.4									6.3	5.2
NNE													
NE	.3	.3										.6	3.5
ENE													
E	.2	.3										.5	4.3
ESE		.2										.2	6.0
SE													
SSE													
S		.3	.2									.5	6.3
SSW		.5	.5									.9	6.0
SW	.2	.6	1.2									2.0	6.2
WSW		2.3	2.8	.6								5.7	7.5
W	.8	4.6	12.6	2.8								20.8	8.1
WNW	.3	7.4	16.0	3.1	.2							27.1	8.1
NW	.3	6.5	12.3	1.5								23.6	7.6
NNW	.3	5.2	5.2	.2								11.1	6.7
VARBL													
CALM												3.7	
	3.4	32.4	52.2	9.2	.2							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2007 MONTEPEY FAA CA 73-79 JUL
STATION STATION NAME YEARS MONTHS
ALL WEATHER 1200-1600
CLAS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.9	3.4	.5								6.2	7.1
NNE		.5	.5									.8	5.3
NE	.2											.2	3.0
NNE													
E													
ESE		.2										.2	4.0
SE		.2										.2	5.0
SSE													
S													
SSW			.2	.2								.3	12.0
SW		.3	.5	.5								1.7	11.2
WSW		.3	3.9	3.9								8.2	10.7
W	.5	1.2	12.8	8.9	.9							24.3	10.6
WNW		.9	14.0	9.4	.3							24.7	10.6
NW		1.7	11.4	6.6								19.7	11.0
NNW	.2	1.7	8.6	2.2								12.6	9.0
VARBL													
CALM												.3	
	.9	9.9	55.2	32.5	1.2							100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATL. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 212 MONTEREY FAA CA 73-79 JUL 1973-1974
STATION NAME YEAR MONTHS
ALL WEATHER
CLASS
OBSERVATIONS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.3									3.7	5.6
NNE		.9										.9	4.8
NE		.2										.2	5.2
NNE													
E													
ESE													
SE			.3									.3	9.7
SSE													
S													
SSW		.2	.3	.3								.8	9.4
SW		.2	1.0	.3								2.3	9.3
WSW		1.7	5.9	5.2	.2							14.1	10.2
W	.2	1.1	18.6	15.4	.2							35.3	10.8
WNW		1.2	13.8	8.6								20.6	10.5
NW	.2	2.2	7.4	2.6	.5							12.7	9.7
NNW		1.5	6.8	.8								9.1	8.3
VARBL													
CALM													
	.5	17.3	55.1	33.2	.9							100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21214 STATION NAME MONTEREY FAA CA YEARS 73-79 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 1800-2100
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.4	.3									4.1	5.0
NNE		.9	.3									1.2	5.0
NE	.3	.3										.6	3.8
ENE	.2	.6	.2									.9	5.2
E		.3	.2	.2								.6	7.5
ESE													
SE		.2										.2	6.3
SSE													
S		.6										.6	4.5
SSW	.2	1.2	.8	.2								2.3	6.5
SW	.3	2.3	2.6	.2								5.4	6.7
WSW	.6	6.9	14.9	1.5	.3							24.3	7.6
W	.2	6.8	24.9	3.4								35.2	8.3
WNW	.3	3.1	6.3	1.5								11.2	8.1
NW	.3	3.7	.5									4.5	5.4
NNW	.5	3.2	1.7									5.4	5.7
VARBL													
CALM												3.5	
	3.2	33.5	52.5	6.9	.3							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

202 °
STATION

MONTEREY FAA CA
STATION NAME

75-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.5
NNE	.3	.2										.5	3.3
NE		.8										.8	4.6
ENE	.2	.6	.2									.9	3.5
E	.9	2.9	.3									4.1	4.7
ESE	.9	.6										1.5	3.5
SE	.2	.5										.8	4.2
SSE		.2										.2	5.2
S		2.6	.2									2.8	4.0
SSW	.5	5.8	1.2									7.5	5.3
SW	1.1	8.1	4.6									13.7	5.7
WSW	2.2	12.7	8.4									23.3	5.6
W	1.2	8.6	7.5	.2								17.5	6.2
WNW	.3	2.5	1.7									4.5	5.8
NW	.5	1.8										2.3	4.5
NNW	.3	1.7										2.0	4.5
VARBL													
CALM												17.1	
	8.4	59.2	24.1	.2								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23287 MONTEREY FAA CA 73-79 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	.9	.1								3.4	5.6
NNE		.5	.1									.5	4.2
NE	.7	.6	.0									.8	4.4
ENE	.1	.5	.0									.6	4.5
E	.4	1.5	.1	.1								2.1	4.7
ESE	.3	.9	.1									.4	4.6
SE	.1	.4	.1	.0								.6	3.2
SSE	.1	.1										.2	3.7
S	.0	1.1	.2									1.3	4.6
SSW	.2	2.6	.6	.1								3.5	5.5
SW	.6	3.3	2.1	.2								6.2	6.1
WSW	1.0	6.2	5.9	1.4	.1							14.5	7.3
W	1.2	6.2	12.0	3.8	.1							23.3	8.1
VNW	.5	3.3	6.8	2.8	.1							13.6	8.5
NW	.6	2.7	4.1	1.3	.1							8.8	7.9
NNW	.3	1.9	2.8	.4								5.4	7.3
VARBL													
CALM												13.8	
	6.4	33.6	35.7	10.2	.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 5232

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23270 MONTEREY FAA CA 77-79 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1900-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.0
NNE	.7	.3										.5	3.8
NE	.2											.2	3.0
ENE		.3										.3	5.0
E	.5	3.5	.2									4.2	4.7
ESE	.3	2.5										2.9	4.6
SE	.3	1.1	.2									1.5	5.7
SSE	.6	1.2	.2									2.2	4.6
S	1.4	2.3	.2									4.3	4.3
SSW	.6	4.8	.6									6.0	5.2
SW	1.7	5.2	1.2									8.2	4.9
WSW	2.2	12.6	1.8									16.6	4.8
W	1.5	9.7	2.7	.2								13.4	5.2
WNW	1.1	2.5	1.2									4.8	5.2
NW		1.4										1.4	4.9
NNW	.2	.3										.5	4.3
VARBL													
CALM												73.2	
	10.9	48.2	7.5	.2								170.0	3.3

TOTAL NUMBER OF OBSERVATIONS 650

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2021- STATION MONTEREY FAA CA 73-79 YEARS AUG
STATION NAME MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3										.6	3.8
NNE	.3											.3	3.8
NE	.2	.8										.9	4.7
ENE		.3										.3	4.5
E	.9	2.6	.3									3.8	4.5
ESE	.6	3.1	.3									4.0	4.8
SE	.2	.8	.5									1.4	5.4
SSE	.3	.8										1.1	4.1
S	.9	2.2	.2									3.1	4.4
SSW		2.5	.5									2.9	5.3
SW	.8	3.1	.8									4.6	5.1
WSW	1.8	9.5	2.5									13.8	5.3
W	2.9	3.6	2.3									13.6	4.9
WNW	.8	2.2	1.7									4.5	5.8
NW		1.1		.2								1.2	6.1
NNW	.2	.5	.2									.8	4.6
VARBL													
CALM												42.5	
	10.1	33.1	9.1	.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2700 MONTEREY FAA CA 77-79 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.3	.3									2.2	3.9
NNE	.6	.8										1.4	3.7
NE	1.2	.3										1.5	2.8
ENE	1.1	.8										1.9	3.7
E	.5	4.2	.3									4.9	4.7
ESE	.5	3.7	.5									4.6	4.9
SE	.6	1.4										2.0	4.3
SSE	.3	.8										1.1	4.1
S	.8	2.6	.5									3.8	4.8
SSW	.3	2.3	.6									3.2	5.4
SW	.5	3.2	.9									4.6	5.2
WSW	1.2	5.8	2.7									9.1	5.3
W	2.7	6.9	2.6	.3								11.8	5.4
WNW	1.8	4.6	1.8									8.3	5.1
NW	.3	3.4	.3									4.0	4.7
NNW		.8										.8	4.4
VARBL													
CALM												34.8	
	12.8	42.3	9.8	.3								100.2	3.2

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

212 / STATION MONTEREY FAA CA YEARS 73-79 MONTH AUG
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.5	2.2									5.1	5.9
NNE													
NE	.2	.3										.5	3.3
ENE	.5	.3										.8	3.6
E		.2										.2	5.7
ESE													
SE													
SSE	.2	.2										.3	3.5
S		.3	.2									.5	5.7
SSW		1.2										1.2	5.3
SW	.2	.2	.5									.8	6.5
WSW	.6	2.8	1.4	.3								5.1	6.0
W	.5	8.4	7.4	.9								17.4	6.3
WNW	1.8	9.1	13.1	1.1								25.0	7.0
NW	.3	8.1	13.2	1.5								23.2	7.4
NNW	.3	5.1	4.5	.2								11.1	6.3
VARBL													
CALM												9.1	
	5.2	39.6	42.1	4.0								170.0	6.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21247
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	3.1	.2								5.5	6.9
NNE	.3		.2									.5	4.7
NE		.3										.3	5.5
ENE		.2										.2	5.1
E													
ESE													
SE													
SSE													
S													
SSW			.5	.8								1.2	10.9
SW		.1	1.4	.2								1.7	3.6
WSW		.8	2.6	2.3								5.7	10.0
W		.9	15.5	6.2								24.6	10.2
WNW	.2	2.2	13.3	7.7	.3							23.6	10.0
NW		2.5	15.7	7.7	.3							26.2	9.9
NNW		2.2	8.5	2.6								13.2	9.0
VARBL													
CALM												.3	
	.5	11.4	57.7	29.5	.6							150.0	9.6

TOTAL NUMBER OF OBSERVATIONS

650

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2029 STATION MONTEREY FAA CA 73-79 YEARS AUG MONTH
STATION NAME ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.3	2.9									5.6	6.7
NNE		.2	.2									.3	7.2
NE		.2										.2	4.1
ENE													
E		.2										.2	5.1
ESE		.2	.2									.3	3.7
SE													
SSE													
S	.2		.3	.2								.6	7.8
SSW		.3	.5	.2								1.4	7.1
SW		.3	2.9	.9								4.6	9.3
WSW	.3	1.2	6.7	3.3	.2							11.6	9.7
W		2.2	21.5	10.4	.3							34.4	10.0
WNW		.5	13.9	7.9	.2							22.6	10.4
NW	.2	.6	7.9	3.9								12.5	9.9
NNW	.2	1.1	3.4	.6								5.3	8.2
VARBL													
CALM												.5	
	1.1	10.2	60.4	27.2	.6							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27219 STATION MONTEPEY FAA CA 73-79 YEARS AUG MONTH 1800-2100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	.2									2.6	4.6
NNE		1.1										1.1	4.9
NE		.2										.2	4.7
ENE		.3										.3	4.5
E	.2	.3										.5	3.7
ESE	.2	.5	.2									.8	4.8
SE		.2	.2									.3	5.7
SSE													
S	.7	1.4	.2									1.6	4.0
SSW	.6	2.8	.3									4.2	5.4
SW	.2	2.3	3.4		.2							6.6	6.8
WSW	.2	9.5	11.2	1.7								22.6	7.1
W	1.2	13.9	18.6	1.4								32.3	7.3
WNW	.6	4.5	7.5	.6								13.2	7.2
NW	.2	2.3	2.6									5.1	6.7
NNW	.2	2.3	1.8									4.0	6.1
VARBL													
CALM												4.5	
	4.5	40.5	46.8	3.7	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 272 MONTEREY FAA CA STATION NAME 73-79 YEARS AUG
 CLASS ALL WEATHER MONTHS 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.2									.9	5.0
NNE		.5										.6	5.0
NE													
ENE	.5											.5	2.7
E	1.1	2.5										3.5	4.2
ESE	.3	1.7										2.0	4.7
SE		.9										.9	5.0
SSE	.2	1.7	.3									2.2	4.9
S	.9	7.1	.9									8.9	4.8
SSW	.5	4.5	1.7									6.6	5.7
SW	.6	3.1	2.5									11.4	5.5
WSW	1.7	12.7	5.4									19.8	5.6
W	1.8	3.1	4.3	.3								14.6	5.9
WNW	.9	2.8	.9									4.6	5.2
NW	.2	1.5	.3									2.0	5.1
NNW	.5	1.4										1.8	4.4
VARBL													
CALM												19.7	
	9.4	54.2	16.4	.3								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2367 - MONTEREY FAA CA 73-79

STATION STATION NAME YEAR

ALL WEATHER

CLASS

CONDITION

AUG

MONTH

ALL

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	1.1	.7								2.8	5.9
NNE	.2	.4	.7									.6	4.4
NE	.2	.3										.5	3.6
ENE	.3	.3										.5	3.6
E	.4	1.7	.1									2.2	4.5
ESE	.2	1.4	.1									1.6	4.9
SE	.1	.5	.1									.3	4.9
SSE	.2	.6	.1									.8	4.5
S	.5	2.5	.3	.9								2.9	4.7
SSW	.3	2.3	.6	.1								3.3	5.7
SW	.6	2.9	1.7	.1	.7							5.3	6.1
WSW	1.7	5.7	4.2	.9	.7							13.0	6.4
W	1.3	7.7	9.3	2.7	.7							20.3	7.6
WNW	.9	3.5	6.3	2.2	.1							13.0	6.0
NW	.1	2.6	5.8	1.7	.7							9.4	8.3
NNW	.2	1.8	2.3	.4								4.7	7.3
VARBL													
CALM												18.1	
	5.8	35.6	31.2	8.2	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

232-1 STATION MONTEREY FAA CA YEARS 73-79 MONTH SEP
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5										.8	3.6
NNE													
NE	.5	.2										.6	3.3
ENE	.3	.3										.6	3.5
E	.5	4.1	1.9									5.5	5.7
ESE	.5	4.9	2.1									7.5	5.6
SE	.3	2.1	1.3									3.7	5.2
SSE	.2	1.3										1.4	4.6
S	2.1	4.0	.6									6.7	4.4
SSW	1.3	2.5	.6									4.4	4.8
SW	1.7	2.5	1.0									5.2	4.9
WSW	1.0	5.9	.6									7.5	4.8
W	.6	5.1	1.6									7.3	5.5
WNW	.2	1.3	.2									1.6	4.9
NW		1.0	.2									1.1	5.0
NNW		.2										.2	4.0
VARB.													
CALM												44.9	
	9.4	35.7	10.0									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2001 MONTEPEY FAA CA 73-79 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1300-1500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5										.5	4.3
NNE													
NE	.3	.2										.5	3.7
ENE	.7	.2										.7	4.1
E	.3	7.5	1.5	.2								9.2	5.4
ESE	.7	4.3	1.6									6.3	3.4
SE	.7	2.9	1.6									4.4	6.1
SSE		1.3	.7									1.4	5.6
S	.5	2.7	.3									3.5	4.8
SSW	.5	2.9	.2									3.5	4.7
SW	.5	1.9	.5									2.9	5.6
WSW	1.3	4.1	1.1									6.5	5.2
W	.9	4.4	.5	.5								6.2	5.8
WNW	.5	1.4										1.9	4.3
NW	.5	.3										1.9	3.2
NNW													
VARB													
CALM												51.9	
	6.0	34.3	7.1	.6								174.0	2.5

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27259
STATION

MONTEREY FAA CA

STATION NAME

73-79

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0603-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4										1.9	3.8
NNE	.2	.2										.3	3.5
NE	.2	.3										.5	4.7
ENE		.6	.2									.9	5.2
E	1.1	7.5	3.2									11.8	5.5
ESE	1.6	5.2	1.1	.2								3.1	4.9
SE	.5	2.5	1.1									4.1	5.4
SSE	.3	1.6	.2									2.1	4.9
S	.8	1.6	.3									2.7	4.5
SSW	.5	2.2	.3									3.0	4.6
SW	.5	2.4	.3									3.2	4.9
WSW	1.4	2.7	.8									4.9	4.6
W	1.9	5.7	1.7									9.4	4.9
WNW	.8	2.7	.6									4.1	5.0
NW	.6	1.0										1.6	4.1
NNW	.3	1.1										1.4	4.2
VARBL													
CALM												40.1	
	11.1	38.8	9.9	.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25227 MONTEREY FAA CA 75-79 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
NOVRS (L.R.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	5.1	1.0									6.5	5.2
NNE	.3	.6										1.0	3.7
NE	.2	.3	.2									.6	5.3
ENE		.5	.2									.6	6.5
E	.2	.8	.3	.2								1.4	6.2
ESE		.5										.5	4.3
SE	.2											.2	5.5
SSE		.2	.2									.3	7.3
S	.3	.2	.2									.6	4.5
SSW		.3	.6									1.0	6.7
SW	.2	1.0	.6									1.7	6.1
WSW	.2	1.3	1.3	.3								3.0	6.9
W	1.9	9.1	6.0	1.0	.2							18.1	6.4
WNW	1.6	11.0	7.3	1.0								20.8	6.5
NW	.8	11.1	8.1	.5								20.5	6.4
NNW	1.1	7.8	3.3									12.2	5.4
VARBL													
CALM												10.8	
	7.3	49.6	29.3	2.9	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23239 MONTEREY FAA CA 73-79 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	4.3	2.9	.2								7.5	6.3
NNE		.3	.3									.6	7.3
NE				.2								.2	12.0
ENE	.2											.2	3.0
E		.2										.2	5.0
ESE		.2	.2									.3	7.5
SE													
SSE													
S			.3	.2								.5	10.0
SSW	.2	.3	.2	.2								.8	7.4
SW	.2	.2	.3	.3								1.0	6.3
WSW	.2	.6	1.9	1.1	.2							4.0	9.7
W	.5	1.8	12.3	4.3	.3							19.1	9.7
WNW	.2	3.8	11.0	5.4	.3							20.7	9.2
NW		4.6	17.2	5.6								27.4	8.9
NNW	.5	3.5	10.0	2.9								16.9	8.4
VARBL													
CALM												.8	
	1.9	19.7	56.5	20.2	.8							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25259 MONTEREY FAA CA 73-79 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
COND:TION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8	3.5	1.7									6.3	5.6
NNE		1.7	.2									1.1	5.9
NE		.2	.2									.3	6.5
ENE		.2										.2	5.0
E			.2	.2								.3	11.5
ESE													
SE													
SSE			.2									.2	10.8
S		.3	.6	.3								1.3	9.4
SSW			.3									.3	8.5
SW		.5	1.9	.8	.2							3.3	9.9
WSW		2.4	6.7	1.9	.3							11.3	9.1
W	.5	3.3	18.3	4.5	.6							27.7	9.1
WNW	.5	2.1	15.3	5.4								23.2	9.4
NW		2.7	10.2	3.8								16.7	9.0
NNW	.3	2.4	4.3									7.0	7.2
VARBL													
CALM												1.1	
	2.1	18.9	59.9	16.9	1.1							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23219
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.7	.3									4.2	4.4
NNE	.5	.6										1.1	4.2
NE	.2	1.6										1.8	4.4
ENE		.8	.3									1.1	5.0
E	.2	2.4	.3	.2								3.7	4.7
ESE		.8	1.3									2.1	6.8
SE		.5										.5	4.7
SSE	.3	1.3										1.6	4.7
S	1.4	2.4	.5									4.3	4.6
SSW	.2	2.4	1.0	.5								4.1	6.5
SW	.5	3.8	1.9	.2								6.4	5.8
WSW	1.5	17.8	6.1	.3								18.3	5.9
W	1.1	11.5	12.7	.3								22.9	6.4
WNW	.8	3.3	3.3	.2								8.1	6.2
NW	.8	2.9	1.4	.3								5.4	6.5
NNW	.2	1.4	.2									1.8	4.7
VARBL													
CALM												12.1	
	9.4	59.0	26.6	1.9								123.0	5.1

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23279
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8										1.3	3.5
NNE	.2	.2										.3	4.0
NE	.3	.5										.8	3.3
ENE		.8	.3									1.1	6.4
E	.3	5.1	1.7									7.2	5.5
ESE	.8	3.3	1.9	.2								6.2	5.9
SE	.2	.8	.5									1.4	6.0
SSE	.3	.6	.6									1.6	5.4
S	1.1	3.8	.5									5.4	4.5
SSW	.3	5.2	1.3									6.8	5.4
SW	1.0	4.1	1.6									6.5	5.4
WSW	1.9	8.3	3.5									13.7	5.3
W	1.7	5.1	2.2									8.3	5.9
WNW	.5	1.6	.6									2.7	5.5
NW	.5	1.0	.5									1.9	5.0
NNW		.3										.3	5.0
VARBL													
CALM												34.3	
	3.7	41.3	15.3	.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

629

GLOEAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
 STATION

MONTEREY FAA CA
 STATION NAME

73-79
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	.7	.0								3.6	5.2
NNE	.1	.4	.1									.6	4.8
NE	.2	.4	.2	.0								.7	4.5
ENE	.1	.4	.1									.6	5.5
E	.4	3.4	1.1	.1								5.0	5.5
ESE	.4	2.4	1.7	.0								3.9	5.5
SE	.2	1.1	.6									1.8	5.8
SSE	.1	.3	.2									1.1	5.2
S	.6	1.9	.4	.1								3.1	4.9
SSW	.4	2.0	.6	.1								3.0	5.4
SW	.6	2.2	1.7	.2	.0							3.8	6.0
WSW	.9	4.5	2.7	.5	.1							8.7	6.3
W	1.7	5.8	6.6	1.3	.1							14.9	7.3
WNW	.6	3.5	4.8	1.5	.0							10.4	7.7
NW	.4	3.1	4.7	1.3								9.4	7.7
NNW	.3	2.1	2.2	.4								5.6	6.9
VARBL													
CALM												24.5	
	7.0	36.0	26.6	5.3	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

5032

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23239
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1700-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.3
NNE		.2										.2	5.0
NE													
ENE	.2	.5	.3									.9	5.2
E	1.5	6.6	3.2	.2								11.5	5.5
ESE	.8	7.7	1.7									10.1	5.4
SE	.3	1.8	1.2									3.4	5.7
SSE		.9	1.8	.3								3.1	7.5
S	1.2	3.8	.8									5.8	4.9
SSW	.9	2.6	.5									4.0	4.8
SW	.2	1.7	.3	.2								2.3	5.5
WSW	.8	4.0	.3									5.1	4.8
W	.9	3.1	1.4	.2								5.5	5.4
WNW		.5	.2	.2	.2							.9	9.9
NW		.3		.2	.2							.6	11.3
NNW	.2	.5										.6	4.3
VARBL													
CALM												45.3	
	6.9	34.7	11.7	1.1	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5										.5	4.7
NNE													
NE		.3										.3	4.0
ENE	.3	.6	.2									1.1	4.7
E	3.1	7.5	3.1	.5								14.1	5.3
ESE	.6	8.3	2.2									11.1	5.4
SE		3.1	1.4									4.5	6.1
SSE	.3	1.1	.8									2.2	5.9
S	1.4	2.2	.6									4.5	4.8
SSW	1.1	.8	.5									2.3	4.9
SW		.8	.2									.9	5.5
WSW	1.7	1.7	.9									4.3	4.3
W	.9	3.2	1.8	.9								5.9	6.5
WNW	.3	.5	.8									1.5	6.3
NW	.2	.5										.6	4.5
NNW													
VARBL													
CALM												45.0	
	9.8	31.5	12.3	1.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25607 MONTEREY FAA CA 73-79 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0500-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3										.5	4.7
NNE	.2											.2	5.0
NE		.3										.3	4.2
ENE	.2	.5	.3									.9	5.3
E	1.8	3.8	2.9	.3								13.8	5.5
ESE	1.2	7.8	3.2									12.9	5.5
SE	1.4	2.9	.9	.2								5.4	5.2
SSE	.6	2.3	.3	.2								3.5	4.6
S	.5	2.5	.6									3.5	5.2
SSW	.3	2.5	.6									3.4	5.2
SW	.2	1.5	.5									2.2	5.3
WSW	.2	2.6	.3	.2								3.2	5.4
W	1.1	4.2	1.2	.2								6.6	5.3
WNW	.5	2.5	.6	.2								3.7	5.4
NW		1.2										1.2	4.6
NNW		.5		.2								.6	6.5
VARBL													
CALM												38.0	
	3.3	40.3	12.2	1.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24216
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	4.0	.8									6.0	4.5
NNE	.2	.5	.3									.9	5.8
NE	.3	.3	.2	.2								.9	5.6
NNE	.2	.8		.2								1.1	5.7
E		2.2	.8	.3								3.1	5.5
ESE	.2	.3	.3									.8	6.5
SE		.5										.5	5.0
SSE	.2	.3	.2									.6	5.3
S	.6	.2	.2	.2								1.1	5.9
SSW	.3	.5	.3	.2								1.2	6.9
SW	.2		.2	.2								.5	7.7
WSW	.3	2.6	.8									3.7	5.2
W	1.4	5.3	5.2	.5								13.4	6.0
WNW	2.9	11.5	6.8	.6								21.8	5.9
NW	1.3	7.7	5.5	.2								15.2	5.8
NNW	.5	4.1	2.0									5.6	5.6
VARBL													
CALM												23.7	
	17.1	43.5	23.3	2.3								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23219
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

DESCRIPTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	4.5	1.2									6.2	5.4
NNE		.5										.5	4.8
NE	.2											.2	3.0
ENE													
E		.2										.2	4.0
ESE													
SE				.2								.2	12.0
SSE			.2									.2	15.0
S		.5	.2	.2								.8	7.8
SSW		.5	.8	.8								2.2	9.5
SW		.3	1.5	1.1								2.9	9.9
WSW		.5	3.1	.5								4.0	8.7
W	.3	3.4	11.5	1.7	.5							17.2	5.5
WNW	.6	6.6	13.5	2.5	.5							23.7	3.0
NW	.6	10.5	15.7	1.7	.2							28.5	7.5
NNW	.3	5.4	6.3									12.0	6.9
VARBL													
CALM												1.1	
	2.5	33.1	54.0	8.5	.9							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23239 STATION MONTEREY FAA CA STATION NAME 73-79 YEARS OCT MONTH
1503-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.9	.9									8.0	4.6
NNE		.6										.6	4.0
NE		.3										.3	5.6
ENE	.3		.2									.3	6.5
E		.2	.2									.3	6.0
ESE		.2	.2	.2								.5	9.0
SE			.5	.2								.6	13.5
SSE		.2	.2	.3								.6	9.8
S	.2	.3	.5	.3								1.2	8.3
SSW		.3	1.1	.2								1.5	8.4
SW	.2	.9	1.2	.2								2.5	7.1
WSW	.6	3.5	4.9	1.1								10.1	7.5
W		5.5	17.8	2.8	.2							26.3	8.5
WNW	.5	4.9	8.4	2.8	.8							17.4	8.7
NW	.3	5.8	8.3	1.1								15.5	7.4
NNW	.3	4.3	4.5									9.1	6.6
VARBL													
CALM												5.2	
	4.3	32.0	48.7	8.9	.9							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25489
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.9	.2									2.5	3.8
NNE	.2	.3										.5	4.3
NE	.3		.2									.5	4.0
ENE	.5	1.1	.5									2.0	5.0
E	.6	3.5	2.3									6.5	6.0
ESE	.9	3.4	.8	.2								5.2	5.4
SE	.5	1.4	.6	.2								2.6	5.4
SSE		1.2			.2							1.4	6.5
S	2.5	3.5	1.4	.5								7.8	5.2
SSW	.8	1.8	.3	.2								3.1	5.2
SW	.3	3.4	1.1									4.8	5.5
WSW	1.2	7.7	2.2									11.1	5.4
W	.9	8.3	4.8	.3	.5	.2						14.9	6.6
WNW	.9	4.5	1.1	.6	.3							7.4	6.4
NW		1.4	.2	.2	.2							1.8	7.0
NNW	.2	1.4	.6									2.2	5.4
VARBL													
CALM												25.8	
	11.1	43.8	16.0	2.0	1.1	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23489 STATION MONTEREY FAA CA 73-79 YEARS OCT NORTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5										.6	3.8
NNE		.2										.2	4.0
NE		.3										.3	4.5
ENE	.3	.5	.2									.9	4.8
E	1.1	6.5	2.8	.3								10.6	5.7
ESE	.6	6.2	2.3									9.1	5.7
SE	.5	2.6	1.5									4.6	5.7
SSE	.5	1.5	.3	.2								2.5	5.3
S	1.4	4.8	.6	.2								5.9	4.8
SSW	.6	2.5	1.7	.2								4.9	5.9
SW	.8	2.6	.8	.2								4.3	5.5
WSW	.9	7.5	1.7									10.2	5.4
W	.5	3.2	.9	.5	.2							5.2	6.6
WNW	.3	2.6	.6			.3						3.8	6.3
NW	.3	.2			.2							.6	8.0
NNW	.2	.5	.2									.8	4.8
VARBL													
CALM												34.5	
	6.0	42.0	13.5	1.4	.3	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23219 STATION NAME MONTREY FAA CA YEARS 73-79 CT MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	.9									3.1	4.6
NNE	.1	.3	.7									.4	4.3
NE	.1	.2	.7	.0								.3	4.9
ENE	.2	.5	.2	.0								.9	5.1
E	1.7	4.4	1.9	.2								7.5	5.6
ESE	.5	4.2	1.4	.0								6.2	5.6
SE	.3	1.5	.8	.1								2.7	5.7
SSE	.2	.9	.5	.1	.0							1.7	5.1
S	1.7	2.3	.6	.2								4.0	5.2
SSW	.5	1.4	.7	.2								2.8	6.0
SW	.2	1.4	.7	.2								2.5	6.3
WSW	.7	3.8	1.8	.2								6.5	5.9
W	.7	4.9	5.6	.9	.1	.0						12.3	7.2
WNW	.7	4.2	4.0	.8	.2	.0						10.0	7.2
NW	.4	3.4	3.7	.4	.1							8.0	7.0
NNW	.2	2.1	1.7	.0								4.0	6.4
VARBL													
CALM												27.0	
	7.6	37.6	24.0	3.3	.4	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 5206

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23289
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

3000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.2									.8	5.7
NNE													
NE		.2										.2	6.0
ENE		.5										.5	4.3
E	.3	6.8	6.3	1.0								14.4	7.7
ESE	1.0	8.6	7.0	.2								16.7	6.2
SE	.2	5.9	2.2									8.3	5.6
SSE	.5	1.4	1.4									3.5	5.8
S	.8	3.7	1.3	.6								6.3	6.0
SSW	.2	1.3	.6	.2	.2							2.4	7.1
SW		.5	.2									.8	5.8
WSW	.2	4.0	1.7	.2								5.2	5.5
W	.5	1.4	1.0	.2								3.0	6.5
WNW	.2	1.3	.8	.8	.3							3.3	9.4
NW		.2	.8	.3								1.3	9.6
NNW		.5	.2									.6	5.5
VARBL													
CALM												32.7	
	4.7	36.7	22.9	3.3	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23279
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

3300-3600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2									.3	6.5
NNE													
NE	.2	.3										.5	3.7
ENE		.5	.2									.6	5.5
E	.5	7.0	6.4	.8	.3							14.9	7.1
ESE	1.0	10.3	7.2	.3								18.8	6.2
SE	.3	6.7	3.2									9.5	5.9
SSE		1.3	1.0									2.2	6.1
S	.3	2.4	1.0	.3								4.0	6.1
SSW	.2	1.6	.6									2.4	5.4
SW	.5		.2	.2	.2							1.0	8.0
WSW	.5	1.4	.6									2.5	4.9
W	1.4	.6	1.1	.5								3.7	6.1
WNW		1.1	.3	.2	.5							2.1	9.5
NW		.3	1.0	.2								1.4	9.3
NNW			.5									.5	10.0
VARBL													
CALM												35.6	
	4.8	33.1	23.2	2.4	1.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23-9 STATION MONTEREY FAA CA 73-79 YEARS NOV MONTH 9600-0800 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3										.3	5.0
NNE			.3									.3	9.0
NE		.5										.5	5.3
ENE		.5	.2									.5	5.5
E	.6	10.3	6.5	.3	.5							15.7	6.7
ESE	1.1	13.8	7.6	.5								23.0	6.4
SE	1.0	4.9	1.9	.3								8.1	5.7
SSE	.3	1.3	1.3									2.2	5.8
S	.6	1.7	.3	.3								3.0	5.6
SSW	.2	1.4	.5	.2								2.2	5.9
SW	.2	.6	.3	.3								1.4	7.1
WSW	.6	2.4										3.0	4.5
W	.6	2.5	1.1	.3								4.6	6.5
WNW	.3	.3	.3	.5	.3							1.7	10.3
NW		.5										.5	4.3
NNW		.3	.2									.5	5.7
VARBL													
CALM												32.6	
	5.6	38.2	20.2	2.7	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23257 STATION MONTEREY FAA CA 73-79 YEARS NOV MONTH 1960-1100 HOURS (L.S.T.)

ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.3									4.5	5.3
NNE	.2	1.2	.8									1.9	6.1
NE		1.6	1.1	.2								2.9	6.7
ENE	.5	.8	1.4	1.0								3.7	8.4
E	1.1	3.7	1.9	.2								6.2	5.9
ESE	.5	2.5	2.9	.5								6.4	6.9
SE	.6	1.7	1.7									2.5	5.6
SSE		.3	.2	.2								.6	8.5
S	.6	1.1	1.0	.2								2.9	5.1
SSW	.2	.5	.3	.5								1.4	7.9
SW	.3	1.3										1.6	4.6
WSW	1.7	1.4	.8									3.2	5.1
W	1.3	6.2	3.5	.3	.2							11.9	6.5
WNW	2.7	6.7	2.5	.6	.2							12.7	5.8
NW	1.1	5.4	3.7	.2								10.4	5.9
NNW	.3	2.7	.6	.3	.2							4.1	6.4
VARB													
CALM												23.1	
	11.5	37.6	22.9	4.5	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23279 STATION NAME MONTEREY FAA CA YEARS 73-79 MONTH NOV
CLASS ALL WEATHER PERIOD 1200-1430
CONDITION NOVUS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.4	1.7	.3								5.1	6.2
NNE	.5	.6	.6									1.7	5.8
NE		.8	.6	.2	.2	.2						1.9	9.4
ENE	.2	.8	.8									1.7	6.5
E	.2	.2	.3									.6	5.5
ESE	.2	.2		.3								.6	6.8
SE		.2										.2	5.0
SSE	.2		.3		.2							.6	1.3
S	.2	.5	1.9	.2	.2							2.9	3.4
SSW		.5	1.0	.2								1.6	6.5
SW		.2	1.1	.6	.2							2.1	10.5
WSW		1.4	2.4	.2								4.0	7.4
W	1.4	4.6	9.3	1.6								16.7	7.6
WNW	1.1	8.4	11.4	3.0	.3							24.3	7.8
NW	.3	7.1	9.0	1.4		.2						18.1	7.4
NNW	.3	5.4	4.1	.3								10.2	6.4
VARBL													
CALM												7.8	
	5.1	33.2	44.4	6.3	1.0	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23250
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	5.3	.3									6.4	4.6
NNE	.2	.2	.2									.5	4.7
NE	.5	.6	.2	.2	.2							1.6	6.7
ENE		.3	.3									.6	6.5
E	.2	1.3	.3									1.8	5.2
ESE	.3	.6	.2									1.1	4.7
SE	.2	.3	.2	.2								.8	6.3
SSE	.2	.3		.5								1.0	9.2
S	.3	.6	1.9	.5	.2							3.5	2.9
SSW	.2	.3	1.0	.2								1.6	8.3
SW	.3	.8	1.1	.5								2.7	6.8
WSW	.2	3.3	2.7	.2								5.4	6.5
W	1.1	6.7	7.3	1.8	.2							17.1	7.5
WNW	2.1	6.4	9.4	3.3	.2	.2						21.5	7.5
NW	.8	7.3	5.1	1.1	.2		.2					14.7	7.2
NNW	1.1	3.7	2.1	.2								6.4	5.7
VARB													
CALM												12.4	
	8.3	37.5	32.2	8.5	.8	.2	.2					100.5	6.2

TOTAL NUMBER OF OBSERVATIONS 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23269 MONTEREY FAA CA 73-79 NCV
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6										.2	4.6
NNE	.3											.3	3.0
NE	.2											.2	3.0
ENE	.5	.5	.2									1.2	4.6
E	1.1	8.7	4.1	.2								14.1	5.7
ESE	.5	6.4	4.3									11.2	5.7
SE	.8	2.1	.5	.2	.2							3.7	5.9
SSE	.3	1.4	.3									2.1	4.8
S	.6	4.2	1.0	.6	.2							5.4	6.2
SSW	.5	3.7	.5	.5								5.1	5.9
SW	.5	3.3	1.4									5.2	5.1
WSW	.8	4.8	1.0	.3		.2						7.0	5.9
W	.5	3.5	4.3	1.1	.3							9.7	7.8
WNW	.3	1.4	1.7	1.7	1.7		.2					6.4	11.0
NW	.2	.5	.6	.2								1.4	7.6
NNW	.2	.2	.3									.6	6.3
VARIABLE													
CALM												24.6	
	7.3	41.2	20.2	9.8	1.6	.2	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23250 MONTEREY FAA CA 73-79 NOV
STATION MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.2	.2	.3								.8	7.4
NNE		.6										.6	4.8
NE		.5	.3									.8	5.8
ENE	.2	.5	.3									1.0	5.8
E	.3	6.8	4.9	.3								12.9	6.3
ESE	.5	7.1	8.9	.2								17.9	6.4
SE	1.4	3.8	1.7	.2								7.1	5.6
SSE	.5	2.4	1.1	.2								4.1	6.1
S	1.0	4.4	1.3	.2								6.8	5.5
SSW	.5	1.9	.2	.6								3.2	6.3
SW	.6	1.7	1.1	.3								3.7	6.1
WSW	.5	4.0	.5									4.9	5.2
W	.5	1.6	1.1	.8	.2							4.3	7.3
WNW	.3	2.2	1.6	.5	.5	.2	.5					5.7	10.5
NW		1.1	.8		.2							2.1	7.2
NNW		.3	.6	.2								1.1	8.4
VARBL													
CALM												24.0	
	7.3	39.2	24.4	3.7	.6	.2	.5					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

232-9 MONTEREY FAA CA 73-79 NOV
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.4	.5	.1								2.4	5.4
NNE	.1	.3	.2									.7	5.7
NE	.1	.6	.3	.1	.2	.2						1.1	6.9
NNE	.2	.5	.4	.1								1.3	6.7
E	.5	5.5	3.9	.3	.1							10.4	6.5
ESE	.7	5.3	4.7	.2								11.5	6.3
SE	.6	3.0	1.3	.1	.2							5.3	5.7
SSE	.3	1.2	.7	.1	.2							2.2	6.3
S	.5	2.3	1.2	.4	.1							4.5	6.4
SSW	.2	1.4	.6	.3	.2							2.5	5.6
SW	.3	1.1	.7	.2	.2							2.3	6.4
WSW	.5	2.8	1.1	.1		.2						4.5	5.8
W	.9	3.4	3.6	.9	.1							8.9	7.2
WNW	.9	3.5	3.5	1.3	.4	.2	.1					9.7	8.1
NW	.3	2.8	2.6	.4	.2	.2	.2					6.2	7.1
NNW	.2	1.5	1.1	.1	.2							3.2	6.3
VARIABLE													
CALM												24.1	
	6.7	37.1	26.3	4.7	.9	.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 5032

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23259 MONTEREY FAA CA 73-79 DEC
STATION MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNOTS) DIRE.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.3	.2									.5	6.3
NNE	.2		.2									.3	5.0
NE													
NNE	.5	.8										1.2	3.6
E	.6	6.9	7.2	.5								15.2	6.3
ESE	.6	12.9	17.3	.6	.2							24.8	6.5
SE	1.5	2.8	3.7	.2								8.2	6.2
SSE	.7	1.2	.9									2.3	5.2
S	.8	1.8	.9	1.1	.5							5.1	8.1
SSW		.9		.5	.2							1.5	9.0
SW	.8	2.7	.5	.3								3.5	5.8
WSW	.6	1.4										1.7	4.2
W	.5	1.4		.2								2.0	3.5
WNW	.2	.3	1.1									1.5	3.7
NW		.5	.2									.6	5.0
NNW		.3	.6	.3								1.2	9.6
VARBL													
CALM												30.3	
	6.0	33.5	25.7	3.7	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25219 STATION MONTEREY FAA CA STATION NAME 73-79 YEARS DEC MONTH 1300-2500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.6								.6	14.5
NNE	.2											.2	3.7
NE		.3										.3	5.0
ENE	.2	.5										.6	4.7
E	.6	7.5	6.9	.6								15.7	6.6
ESE	.8	11.7	10.9	.5								23.8	6.6
SE	1.4	2.6	1.1	.2								5.2	5.1
SSE		1.5	.3									1.8	5.7
S	1.2	2.2	1.1	1.1	.2							5.7	6.8
SSW	.3	.8	.9	.2								2.2	7.5
SW	.7	.2	.6									.9	6.8
WSW	.8	2.2	.2	.5								3.5	5.5
W	.6	.2	.5	.2								1.4	6.0
WNW	.2	.3	.8	.3								1.5	8.3
NW		.3	.3									.5	6.8
NNW			.8	.2								.9	9.3
VARBL													
CALM												34.9	
	6.3	30.2	24.3	4.2	.2							107.0	4.3

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.2	.2								.6	7.5
NNE				.2								.2	12.0
NE		.3										.3	4.0
ENE		.6	.3									.9	5.8
E	.6	9.4	9.7	1.1								20.8	6.6
ESE	.6	11.2	8.6	1.1	.2							21.7	6.7
SE	.6	2.6	3.8	.3	.2							7.5	7.0
SSE	.6	1.1	.6	.2								2.5	6.1
S	.5	2.3	1.7	.5								4.9	6.5
SSW	.5	1.7	.3									2.5	4.9
SW	.3	1.1	.3									1.7	5.0
WSW	.5	.9	.9	.2								2.5	6.6
W	.6	2.5	.5	.5								4.0	5.9
WNW	.3	.2	.3	.2	.2							1.1	9.1
NW		.5	.3	.2								.9	7.0
NNW				.3	.2							.5	15.7
VARBL													
CALM												27.5	
	5.1	34.6	27.5	4.6	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

3900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.5	.5	.2							3.5	6.4
NNE		.8	.5									1.2	6.0
NE		1.5	.6	.2								2.3	3.9
ENE	.9	.8	1.8	.5								4.0	7.2
E	.8	5.4	3.7	.5								10.3	6.3
ESE	.6	3.7	1.8	.8								6.9	6.4
SE		1.1	1.5	.5								3.1	7.5
SSE		.6	.8	.2								1.7	7.0
S		1.5	.2	.3								2.0	6.5
SSW	.2	.8	.2	.2								1.2	5.9
SW		.5	.3	.2								.9	7.5
WSW	.9	1.5	.8	.3								3.5	5.7
W	1.3	6.5	2.0	.6								10.9	5.5
WNW	.9	4.6	1.2	.3	.5							7.5	6.1
NW	1.7	4.0	.9	.5								7.1	3.2
NNW	.3	1.5	.8	.2								2.6	6.2
VARBL													
CALM												31.0	
	9.2	36.3	17.5	5.4	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23259 MONTEREY FAA CA 73-79 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	5.5	3.4	.9	.2							10.8	6.6
NNE		1.4	1.5	.3								3.2	7.5
NE		1.2	1.7									2.9	7.1
ENE	.2	1.2	1.4	.2								2.9	7.3
E		.8	1.2	.3								2.3	7.8
ESE		.5	.5	.5	.3							1.7	10.5
SE	.2	.2	.3	.3								.9	9.3
SSE		.3	.2	.3								.8	9.4
S	.3	.3	.3	.2	.2							1.2	7.8
SSW	.2	.2	.5	.2								.9	7.5
SW	.3	.6	1.1	.2								2.2	8.1
WSW	.5	1.8	1.8				.2					4.3	7.0
W	1.5	9.2	5.5	1.1								17.4	6.3
WNW	1.8	7.7	5.1	1.2	.2							16.0	6.4
NW	1.5	8.3	5.4	1.2	.2	.2						16.8	6.8
NNW	1.2	4.6	2.9	.5								9.2	6.1
VARBL													
CALM												6.5	
	8.5	43.8	32.8	7.2	.9	.2	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23299
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	1.2	.2								5.7	5.2
NNE	.5	1.4	1.1	.2								3.1	6.0
NE		1.5										1.5	5.1
ENE	.3	1.1	.8									2.2	5.4
E	.5	1.5	.3	.2								2.5	5.1
ESE		.3	.5	.2	.6							1.5	12.5
SE		1.2	.6	.3	.2							2.3	8.6
SSE		.5	.2									.5	5.5
S	.5	1.5	.3	.2								2.5	5.4
SSW		1.2	1.1	.2								2.5	6.7
SW	.2	1.5	.3	.3								2.3	6.7
WSW	.3	3.4	2.5	.3								6.5	6.5
W	1.8	6.8	4.8	.5	.8	.2						14.8	7.0
WNW	.6	8.3	4.2	1.7	.2	.2						15.1	7.1
NW	1.4	8.3	3.4	1.1	.2							14.3	6.4
NNW	.5	4.5	1.4	.3	.3							6.9	6.3
VARBL													
CALM												15.7	
	7.6	46.4	22.5	5.5	2.2	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23279 MONTEREY FAA CA 73-79 DEC
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.6			.2						1.5	8.1
NNE	.2											.2	3.0
NE	.3	.5										.8	4.0
ENE	.3	1.7										2.0	4.5
E	2.7	12.7	4.9	.5								20.1	5.8
ESE	.5	9.7	5.7	.3	.3							16.5	6.5
SE	.6	3.9	2.0	.2								6.6	5.7
SSE	.3	2.2	.5	.2								3.1	5.6
S	.6	2.3	.6									3.0	5.1
SSW	.8	2.9	.5	.2								4.3	5.1
SW	.6	.9	.6		.2							2.3	6.0
WSW	1.2	3.1	1.2	.3								5.9	5.7
W	.8	1.4	1.5	.6	.2							4.5	7.2
WNW	.3	.3	.5	.9	.6							2.6	11.7
NW	.3	.6	.3	.2	.3	.2						1.9	10.3
NNW	.2		.6	.2								.9	6.7
VARBL													
CALM												23.2	
	9.1	42.8	19.6	3.4	1.5	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23274 MONTEREY FAA CA 73-79 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5			.2							.9	6.5
NNE	.3	.3	.2									.8	4.5
NE		.5										.5	4.7
ENE	.2	.6										.8	4.6
E	1.4	9.1	8.3	.3								18.9	6.4
ESE	1.2	10.5	7.7	.6								20.1	6.4
SE	1.4	3.4	3.1	.5		.2						8.5	5.6
SSE	.6	1.5	.6									2.8	5.3
S	1.7	3.2	1.5	.5								7.0	5.6
SSW	.3	1.2	.9	.5								2.9	7.2
SW	.9	.6	.3									1.9	4.3
WSW	.9	2.3	.2									3.1	4.2
W	1.1	2.8	1.7	.6	.2							6.3	6.6
WNW	.2	.5	.6	.3	.3							1.9	10.1
NW	.2	.6	.5	.2	.2							1.5	8.8
NNW		.2	.2	.5	.2							.9	13.0
VARBL													
CALM												21.3	
	10.7	37.6	25.5	3.9	.9	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23219 STATION NAME MONTEREY FAA CA YEARS 73-79 MONTH DEC
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	.8	.7	.1	.7						3.0	6.5
NNE	.2	.5	.4	.1								1.1	6.4
NE	.7	.7	.3	.0								1.1	5.8
ENE	.5	.9	.5	.1								1.8	5.9
E	.8	6.7	5.3	.5								13.2	6.4
ESE	.5	7.6	5.8	.6	.2							14.6	6.7
SE	.7	2.2	2.0	.3	.7	.7						5.3	6.5
SSE	.2	1.1	.5	.1								1.9	6.0
S	.7	1.9	.8	.5	.1							4.0	6.4
SSW	.3	1.2	.5	.2	.7							2.3	6.4
SW	.4	.9	.5	.1	.7							2.0	6.2
WSW	.7	2.0	.9	.2			.3					3.9	5.8
W	1.1	3.8	2.1	.5	.1	.9						7.7	6.4
WNW	.6	2.8	1.7	.6	.2	.0						5.9	7.2
NW	.6	2.9	1.4	.4	.1	.0						5.5	6.6
NNW	.5	1.4	.9	.3	.1							2.9	7.0
VARBL													
CALM												23.8	
	7.8	38.1	24.4	4.7	1.6	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 5194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23209 MONTEREY FAA CA YEARS 73-79 ALL MONTH ALL MONTH (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	.7	.1	.7	.0						2.6	5.7
NNE	.1	.3	.2	.0	.2							.7	5.6
NE	.1	.4	.1	.0	.3	.0						.7	5.4
ENE	.2	.5	.2	.0	.0							1.0	5.7
E	.5	3.5	2.0	.2	.0							6.3	6.1
ESE	.5	3.4	2.1	.2	.0	.0						6.2	6.1
SE	.4	1.6	.9	.1	.3	.0						2.9	6.1
SSE	.2	.9	.4	.1	.0							1.7	6.0
S	.7	2.3	.9	.3	.0	.0						4.2	5.9
SSW	.4	2.1	.5	.2	.0	.0						3.6	6.2
SW	.5	2.1	1.3	.3	.0	.0						4.2	6.4
WSW	.7	4.1	3.3	.8	.0	.0	.0					8.8	6.8
W	.9	4.7	5.9	2.6	.3	.0	.0					15.5	8.3
WNW	.5	3.0	4.6	2.2	.4	.1	.0	.0				11.0	9.0
NW	.4	2.4	3.3	1.1	.2	.0	.0					7.4	8.1
NNW	.2	1.6	1.6	.3	.0	.0						3.7	7.1
VARBL													
CALM												19.6	
	6.7	34.5	29.3	8.4	1.1	.2	.1	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 61216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23459 MONTEREY FAA CA 73-79
STATION STATION NAME YEARS
INSTRUMENT
CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO <1/2 MI W/CIG 200 FT OR MORE
ALL
NORTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.1									1.6	4.3
NNE	.2	.3	.0									.5	4.0
NE	.2	.5	.1									.8	4.3
ENE	.3	.7	.1	.0								1.1	4.7
E	.5	2.1	.5	.0								3.1	5.1
ESE	.5	1.4	.3	.0								2.2	4.8
SE	.3	.8	.1	.0		.0						1.2	4.9
SSE	.1	.4	.1	.0	.0							.7	5.5
S	.7	1.8	.4	.1	.1							3.1	5.2
SSW	.6	2.4	.9	.2	.0	.0						4.1	5.9
SW	.9	3.2	1.8	.2	.0							6.1	5.9
WSW	1.4	7.8	5.4	.7	.0							15.3	6.3
W	1.5	8.6	10.6	1.6	.1	.0						22.5	7.1
WNW	.8	3.9	3.8	.8	.1	.0						9.4	7.1
NW	.5	2.7	1.5	.2								4.3	6.3
NNW	.3	1.1	.5	.0								1.9	5.5
VARB													
CALM												22.3	
	9.1	38.2	26.2	3.9	.3	.0						106.0	4.9

TOTAL NUMBER OF OBSERVATIONS 13121

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100					95.4		96.9			98.3					100.0
≥ 0															

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1060-7200
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥15	≥1	≥0
NO CEILING ≥ 20000	53.6	62.4	63.3	63.9	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 18000	55.6	64.5	65.7	66.4	67.0	67.1	67.0	67.0	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.3
≥ 16000	56.2	65.1	66.4	67.1	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9
≥ 14000	57.3	66.2	67.4	68.1	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0
≥ 12000	57.3	66.2	67.4	68.1	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0
≥ 10000	58.2	67.7	69.0	69.6	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 9000	58.2	67.7	69.0	69.6	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 8000	59.1	68.5	69.7	70.4	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.3
≥ 7000	59.1	68.5	69.7	70.4	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.3
≥ 6000	59.3	70.1	71.4	72.4	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3
≥ 5000	60.5	72.4	73.6	74.5	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 4500	61.8	72.7	73.9	74.8	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 4000	62.8	76.3	77.7	78.6	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 3500	63.0	77.4	78.6	79.6	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.5	80.5	80.5	80.5
≥ 3000	64.7	81.4	82.9	83.9	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8
≥ 2500	66.7	83.6	85.3	86.2	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1
≥ 2000	67.3	85.4	87.4	88.6	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 1800	67.3	85.4	87.4	88.6	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 1500	67.3	85.4	87.4	88.6	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 1200	67.6	87.6	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1000	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 900	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 800	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 500	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 400	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 300	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 200	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 100	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 0	68.0	88.5	91.9	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

272 MONTEREY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	48.5	58.9	60.2	61.4	61.4	60.4	60.6	60.6	60.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥20000	51.5	61.9	63.5	63.6	63.6	63.6	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥18000	51.5	61.9	63.5	63.6	63.6	63.6	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥16000	51.5	61.9	63.5	63.6	63.6	63.6	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.3	64.3
≥14000	52.9	63.2	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.5	65.5	65.5
≥12000	52.9	63.2	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.5	65.5	65.5
≥10000	53.3	64.6	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.9	66.9	66.9
≥9000	53.3	64.6	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.9	66.9	66.9
≥8000	54.4	65.6	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.8	67.8	67.8	67.8	68.0	68.0	68.0
≥7000	55.9	66.7	68.6	68.7	68.7	68.7	68.9	68.9	68.9	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥6000	55.9	66.7	68.6	68.7	68.7	68.7	68.9	68.9	68.9	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥5000	57.0	70.7	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥4500	57.0	70.7	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥4000	57.0	70.7	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥3500	61.4	75.3	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.8	77.8	77.8	77.8	78.0	78.0	78.0
≥3000	62.2	80.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥2500	64.3	82.7	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.8	85.8	85.8	85.8	86.0	86.0	86.0
≥2000	65.2	84.9	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	88.9	89.1	89.1	89.1
≥1800	65.2	84.9	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	88.9	89.1	89.1	89.1
≥1500	65.3	85.7	89.5	89.7	89.7	89.7	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥1200	65.5	86.6	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.5
≥1000	66.1	87.5	92.3	92.6	92.6	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥900	66.1	87.5	92.3	92.6	92.6	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥800	66.3	88.1	92.9	93.1	93.2	93.2	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥700	66.3	88.1	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.5	94.5	94.5
≥600	66.3	88.1	93.7	94.0	94.1	94.1	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥500	66.3	88.8	94.5	94.9	95.1	95.1	95.4	95.4	95.4	95.8	95.8	95.8	95.8	96.0	96.0	96.0
≥400	66.3	88.8	95.1	95.5	96.0	96.0	96.5	96.5	96.5	96.9	96.9	96.9	96.9	97.1	97.1	97.1
≥300	66.3	88.8	95.2	95.8	96.3	96.3	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.4	97.4	97.4
≥200	66.3	88.8	95.4	96.0	96.5	96.5	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.7	97.7	97.7
≥100	66.3	88.8	95.4	96.0	96.5	96.5	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.7	97.7	97.7
≥0	66.3	88.8	95.4	96.0	96.5	96.5	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27-9
STATION

MONTEREY FAA CA

STATION NAME

73-79

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	52.1	59.3	59.9	59.9	67.1	68.1	67.1	68.1	67.1	68.2	67.2	69.2	67.2	68.2	68.2	68.4
≥ 20000	56.8	64.8	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.2
≥ 18000	57.3	65.3	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.7
≥ 16000	57.3	65.3	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.7
≥ 14000	58.2	66.2	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.6
≥ 12000	58.2	66.2	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.6
≥ 10000	60.1	68.2	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.6
≥ 9000	60.4	68.5	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.9
≥ 8000	60.7	69.1	69.6	69.6	69.9	69.9	69.9	69.9	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.4
≥ 7000	61.0	69.3	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.7
≥ 6000	62.5	71.6	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	73.2
≥ 5000	64.5	74.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	76.7
≥ 4500	64.7	74.7	75.6	75.6	75.9	75.9	75.9	75.9	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4000	63.2	78.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.2
≥ 3500	66.7	79.3	80.5	80.5	80.3	80.3	80.3	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.8
≥ 3000	71.1	83.1	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.6
≥ 2500	72.1	84.8	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.9
≥ 2000	72.5	86.1	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.2
≥ 1800	72.8	86.6	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.9
≥ 1500	73.4	87.7	90.8	91.1	91.4	91.4	91.4	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.9
≥ 1200	73.6	88.2	91.2	91.6	92.5	92.0	92.0	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.5
≥ 1000	73.9	89.7	93.2	93.5	94.2	94.2	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.8
≥ 900	73.9	90.0	93.5	93.9	94.6	94.6	94.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.2
≥ 800	73.9	90.0	93.9	94.2	94.9	94.9	95.2	95.2	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.9
≥ 700	73.9	90.2	94.3	94.8	95.5	95.5	95.9	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.5
≥ 600	73.9	90.2	94.5	94.9	95.9	95.9	96.2	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.8
≥ 500	73.9	90.3	94.9	95.4	96.3	96.3	96.6	96.6	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	73.9	90.3	94.9	95.4	96.3	96.3	96.6	96.8	96.8	97.1	97.2	97.2	97.2	97.4	97.4	97.5
≥ 300	73.9	90.3	94.9	95.4	96.5	96.5	96.8	97.1	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.8
≥ 200	73.9	90.3	94.9	95.4	96.5	96.5	96.8	97.2	97.2	97.7	98.0	98.0	98.3	98.3	98.3	98.9
≥ 100	73.9	90.3	94.9	95.4	96.5	96.5	96.8	97.2	97.2	97.8	98.2	98.2	98.5	98.5	98.5	99.2
≥ 0	73.9	90.3	94.9	95.4	96.5	96.5	96.8	97.2	97.2	97.8	98.2	98.2	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1957-1980
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.9	54.2	55.5	57.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1
≥ 20000	59.6	65.3	66.7	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5
≥ 18000	61.2	65.9	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 16000	61.2	65.9	67.3	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.1	68.1
≥ 14000	61.3	67.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2
≥ 12000	61.8	67.3	68.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5
≥ 10000	63.9	70.1	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3
≥ 9000	63.9	70.1	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3
≥ 8000	65.8	71.8	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0
≥ 7000	65.8	72.0	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 6000	67.1	73.2	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 5000	69.5	76.1	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4
≥ 4500	69.6	76.3	77.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6
≥ 4000	71.8	78.7	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2
≥ 3500	73.7	81.0	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
≥ 3000	75.7	83.7	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6
≥ 2500	76.9	85.4	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3
≥ 2000	78.7	87.5	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1800	78.7	87.5	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1500	79.1	89.1	91.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1200	79.5	89.7	92.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1000	79.5	90.0	92.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 900	79.5	90.0	92.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 800	79.5	90.1	93.1	94.6	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7
≥ 700	79.5	90.1	93.5	95.1	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
≥ 600	79.5	90.1	93.8	95.4	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
≥ 500	79.5	90.1	94.6	96.1	96.8	96.8	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2
≥ 400	79.5	90.1	94.6	96.1	96.8	96.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 300	79.5	90.1	94.6	96.1	96.9	96.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8
≥ 200	79.5	90.1	94.6	96.1	96.9	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.5	99.5
≥ 100	79.5	90.1	94.6	96.1	96.9	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.8	99.8
≥ 0	79.5	90.1	94.6	96.1	96.9	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27273 MONTEREY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	61.0	53.2	54.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	62.4	66.3	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	62.9	66.8	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	62.9	66.8	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	63.7	67.7	69.2	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	64.1	68.2	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	66.2	70.5	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	66.2	70.5	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	67.1	71.4	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	67.5	71.9	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	68.3	72.6	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	70.6	75.1	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	70.6	75.1	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	73.5	77.9	79.9	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	75.3	81.5	82.5	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	77.7	83.9	86.1	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	79.0	85.9	88.1	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	91.3	88.7	91.0	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	91.3	88.7	91.0	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	91.6	89.8	92.3	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	91.9	90.7	93.2	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	92.5	91.7	94.3	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	92.5	91.8	94.4	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	92.5	92.1	95.1	96.3	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	92.5	92.1	95.4	96.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	92.5	92.1	95.4	96.6	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	92.5	92.1	95.7	96.9	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	92.5	92.1	95.7	96.9	98.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	92.5	92.1	95.7	96.9	98.5	98.6	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	92.5	92.1	95.7	96.9	98.5	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.5	92.1	95.7	96.9	98.5	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	92.5	92.1	95.7	96.9	98.5	98.6	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AD-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	48.7	51.6	52.7	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	56.6	60.1	61.4	62.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	58.4	62.1	63.4	64.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	58.4	62.1	63.4	64.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	59.4	63.1	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	61.7	64.5	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	62.6	66.3	67.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	62.8	66.5	67.7	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	63.2	66.9	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	64.6	68.3	69.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	65.5	70.3	71.7	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	67.9	72.6	74.0	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	68.4	72.8	74.2	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	70.3	75.7	77.1	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	72.5	78.7	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	74.8	82.1	83.8	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	76.7	85.0	86.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	77.9	86.4	88.6	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	78.4	86.7	88.9	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	79.9	89.6	92.3	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	79.9	90.6	93.2	94.9	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	80.1	91.0	94.1	95.8	96.3	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	80.1	91.3	94.4	96.3	96.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	80.1	91.7	94.9	96.3	97.4	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	80.1	91.7	94.9	96.8	97.4	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	80.1	91.7	94.9	96.8	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	80.1	91.7	95.1	96.9	97.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	80.1	91.7	95.2	97.1	98.1	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	80.1	91.7	95.2	97.1	98.1	98.3	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	80.1	91.7	95.2	97.1	98.1	98.3	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 100	80.1	91.7	95.2	97.1	98.1	98.3	99.4	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	80.1	91.7	95.2	97.1	98.1	98.3	99.4	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259 MONTEREY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2300
HOURS (EST)

CEILING 'FEET'	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.6	54.9	56.4	57.6	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	51.9	58.1	59.6	60.9	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	52.7	59.2	60.7	61.9	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	52.7	59.2	60.7	61.9	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	54.7	61.9	63.5	64.7	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	55.0	62.2	63.8	65.0	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	57.4	63.9	65.5	66.7	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	56.3	64.3	65.8	67.0	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	57.7	64.9	66.4	67.6	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	57.6	65.9	67.5	68.7	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	58.9	68.0	70.1	71.3	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	60.7	70.4	72.6	73.8	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	61.3	71.0	73.2	74.4	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	62.7	73.0	75.3	76.7	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	63.8	74.6	77.3	78.7	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	65.3	79.0	82.3	84.0	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	66.7	81.2	84.7	86.6	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	68.0	85.4	89.1	90.9	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	68.6	85.4	89.1	90.9	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	68.7	86.4	90.6	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	69.1	86.9	91.2	93.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	69.2	87.7	92.1	94.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	69.2	87.7	92.1	94.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	69.2	88.4	92.9	95.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	69.2	88.4	92.9	95.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	69.2	88.4	92.9	95.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	69.2	88.8	93.4	95.5	97.4	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	69.2	88.8	93.4	95.5	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	69.2	88.8	93.4	95.5	97.8	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	69.2	88.8	93.4	95.5	97.8	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	69.2	88.8	93.4	95.5	97.8	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	69.2	88.8	93.4	95.5	97.8	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27619 MONTEPEY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.6	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	54.2	62.2	63.7	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	56.5	65.0	65.7	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	57.5	65.9	66.7	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	57.5	65.9	66.7	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	59.1	67.6	68.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	59.1	67.6	68.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	59.8	68.2	69.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	59.8	68.5	69.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	60.4	69.4	70.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	60.7	70.2	71.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	61.8	71.9	72.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	63.3	74.0	74.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	63.1	74.2	75.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	64.5	77.4	78.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	65.3	78.5	79.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	66.8	81.7	82.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	68.7	83.9	85.3	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	69.1	87.1	88.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	69.1	87.3	88.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	69.6	88.2	89.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	69.7	88.9	90.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	70.2	89.7	92.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	70.2	89.7	92.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	70.2	90.0	92.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	70.2	90.0	92.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	70.2	90.0	92.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	71.2	90.3	93.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	70.2	90.3	93.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	70.2	90.3	93.7	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	70.2	90.3	93.7	96.0	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	70.2	90.3	93.7	96.0	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0	70.2	90.3	93.7	96.0	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27201 MONTEPEY FAA CA

73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	55.9	57.1	58.2	58.8	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	56.4	63.3	64.5	65.1	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 18000	57.1	64.1	65.3	65.9	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 16000	57.1	64.1	65.3	65.9	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 14000	58.3	65.4	66.5	67.2	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8
≥ 12000	58.4	65.7	66.9	67.5	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 10000	60.1	67.4	68.7	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	60.1	67.6	68.8	69.4	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 8000	60.9	68.4	69.7	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	61.5	69.1	70.4	71.0	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 6000	62.4	70.8	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 5000	64.2	73.2	74.6	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	64.4	73.4	74.9	75.5	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	66.7	76.5	78.1	78.8	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 3500	67.8	78.1	79.8	80.5	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 3000	69.8	81.9	83.8	84.6	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 2500	71.4	84.1	86.2	87.1	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 2000	72.5	86.4	89.0	89.9	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1800	72.6	86.6	89.1	90.1	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	73.1	87.8	90.7	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	73.3	88.6	91.7	92.8	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1000	73.7	89.5	92.9	94.1	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 900	73.7	89.6	93.1	94.3	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 800	73.7	89.9	93.4	94.8	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 700	73.7	89.9	93.7	95.1	95.9	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	73.7	89.9	93.8	95.2	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 500	73.7	90.1	94.3	95.8	96.6	96.7	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	73.7	90.1	94.6	96.0	97.1	97.1	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1
≥ 300	73.7	90.1	94.6	96.1	97.3	97.3	97.9	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 200	73.7	90.1	94.6	96.1	97.3	97.4	98.0	98.2	98.2	98.5	98.7	98.7	98.9	98.9	99.0	99.1
≥ 100	73.7	90.1	94.6	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.2	99.3
≥ 0	73.7	90.1	94.6	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 5194

SIGNAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23460 MONTEREY FAA CA

73-70

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1800
HOURS (L)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	45.3	56.1	58.5	58.5	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	47.1	60.8	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	47.8	61.2	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	47.8	61.2	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	48.6	62.2	62.7	62.7	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	49.0	62.7	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	49.3	63.6	64.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	49.3	63.6	64.1	64.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	50.2	64.7	65.4	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	50.8	66.3	66.9	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	52.2	68.6	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	54.2	72.2	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	54.2	72.2	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	55.1	74.7	75.4	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	56.9	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	58.3	78.6	79.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	59.5	80.7	81.5	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	60.5	82.7	83.9	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	62.5	83.2	84.4	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	61.5	85.1	86.1	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	62.1	85.9	87.1	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	62.7	87.6	89.7	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	62.9	87.8	89.8	90.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	63.2	88.6	90.7	91.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	63.2	88.6	91.0	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	63.2	89.0	91.5	92.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	63.2	89.1	91.9	92.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	63.2	89.1	92.7	92.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	63.2	89.3	92.4	93.1	95.9	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 200	63.2	89.3	92.4	93.1	95.9	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 100	63.2	89.3	92.4	93.1	95.9	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 0	63.2	89.3	92.4	93.1	95.9	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 590

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 115 MONTEPEY FAA CA

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3330-7501
HOURS 1-11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	44.0	55.8	55.7	56.0	56.3	56.3	56.3	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥20000	47.2	59.7	59.9	59.9	61.2	60.2	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥18000	47.7	61.2	60.4	60.4	61.7	60.7	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥16000	47.7	61.2	60.4	60.4	61.7	60.7	60.7	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥14000	47.7	61.1	61.3	61.3	61.6	61.6	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥12000	47.7	61.1	61.4	61.4	61.8	61.8	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥10000	47.9	61.9	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥9000	47.9	61.9	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥8000	48.9	63.1	63.5	63.5	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥7000	49.9	64.5	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥6000	51.6	66.2	66.5	66.5	66.8	66.8	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥5000	53.3	69.9	70.7	70.9	71.2	71.2	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥4500	53.5	70.2	71.1	71.2	71.6	71.6	71.6	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥4000	55.3	72.8	73.9	74.1	74.5	74.5	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥3500	55.5	73.3	74.5	74.6	75.0	75.0	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥3000	57.0	76.1	77.5	77.7	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥2500	57.7	77.3	78.8	79.0	79.4	79.4	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥2000	58.7	81.0	82.9	83.2	83.6	83.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥1800	58.7	81.6	83.4	83.8	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥1500	60.2	84.3	86.1	86.5	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥1200	61.6	84.8	86.6	87.0	87.3	87.3	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥1000	61.4	86.1	88.7	89.0	89.3	89.3	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥900	61.6	86.3	88.8	89.2	89.7	89.7	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥800	61.8	86.8	89.3	89.7	90.2	90.2	90.2	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥700	61.8	86.8	89.7	90.5	91.0	91.0	91.0	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥600	61.3	87.1	90.2	91.0	91.5	91.5	91.5	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥500	61.8	87.3	90.7	91.5	92.0	92.0	92.0	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥400	61.8	87.3	91.4	92.2	92.7	92.7	92.7	93.6	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2
≥300	61.8	87.3	91.7	92.6	93.7	93.7	93.7	94.6	94.9	94.9	95.3	95.6	95.6	95.8	95.8	95.8
≥200	61.8	87.3	91.7	92.6	93.7	93.7	93.7	94.6	94.9	94.9	95.3	95.6	95.6	96.1	96.1	96.3
≥100	61.8	87.3	91.7	92.6	93.7	93.7	93.7	94.6	94.9	94.9	95.4	95.8	95.8	96.6	96.6	97.5
0	61.8	87.3	91.7	92.6	93.7	93.7	93.7	94.6	94.9	94.9	95.4	95.8	95.8	96.6	96.6	97.6

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
 WCAPSTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23259 MONTEREY FAA CA

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1600-1800
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.7	52.1	52.3	52.3	53.0	53.0	53.1	53.5	53.5	53.8	53.8	53.8	54.0	54.0	54.7	54.3
≥ 20000	50.3	56.9	57.7	57.7	57.7	57.7	57.9	58.2	58.2	58.5	58.5	58.5	58.7	58.7	58.7	59.1
≥ 18000	51.8	57.4	57.5	57.5	58.2	58.2	58.4	58.7	58.7	59.1	59.1	59.1	59.2	59.2	59.2	59.6
≥ 16000	50.6	57.4	57.5	57.5	58.2	58.2	58.4	58.7	58.7	59.1	59.1	59.1	59.2	59.2	59.2	59.6
≥ 14000	51.8	58.7	58.9	58.9	59.6	59.6	59.7	60.1	60.1	60.4	60.4	60.4	60.6	60.6	60.6	60.9
≥ 12000	51.8	59.1	59.2	59.2	59.9	59.9	60.1	60.4	60.4	60.7	60.7	60.7	60.9	60.9	60.9	61.3
≥ 10000	52.8	60.2	60.4	60.4	61.1	61.1	61.3	61.6	61.6	61.9	61.9	61.9	62.1	62.1	62.1	62.4
≥ 9000	52.8	60.2	60.4	60.4	61.1	61.1	61.3	61.6	61.6	61.9	61.9	61.9	62.1	62.1	62.1	62.4
≥ 8000	54.1	61.9	62.1	62.1	62.8	62.8	62.9	63.3	63.3	63.6	63.6	63.6	63.8	63.8	63.8	64.1
≥ 7000	55.3	63.1	63.3	63.3	64.0	64.0	64.1	64.5	64.5	64.8	64.8	64.8	65.0	65.0	65.0	65.3
≥ 6000	56.9	65.5	65.7	65.7	66.3	66.3	66.5	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.7
≥ 5000	60.4	70.7	70.9	70.9	71.6	71.6	71.7	72.1	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.9
≥ 4500	61.1	71.2	71.4	71.4	72.1	72.1	72.3	72.6	72.6	72.9	72.9	72.9	73.1	73.1	73.1	73.4
≥ 4000	62.6	73.8	73.9	73.9	74.6	74.6	74.8	75.1	75.1	75.5	75.5	75.5	75.6	75.6	75.6	75.9
≥ 3500	63.8	74.8	75.0	75.0	75.6	75.6	75.8	76.1	76.1	76.5	76.5	76.5	76.6	76.6	76.6	77.0
≥ 3000	65.5	78.3	78.8	79.0	79.7	79.7	79.9	80.2	80.2	80.5	80.5	80.5	80.7	80.7	80.9	81.2
≥ 2500	67.1	79.7	80.4	80.5	81.2	81.2	81.4	81.7	81.7	82.1	82.1	82.1	82.2	82.2	82.4	82.7
≥ 2000	69.2	83.6	84.4	84.6	85.4	85.4	85.6	86.0	86.0	86.3	86.3	86.3	86.5	86.5	86.6	87.0
≥ 1800	69.2	83.9	84.8	84.9	85.8	85.8	86.0	86.3	86.3	86.6	86.6	86.6	86.8	86.8	87.0	87.3
≥ 1500	70.3	85.3	86.2	86.6	87.5	87.5	87.6	88.0	88.0	88.3	88.3	88.3	88.5	88.5	88.7	89.0
≥ 1200	71.6	86.5	87.6	88.2	89.0	89.0	89.2	89.5	89.5	89.8	89.8	89.8	90.0	90.0	90.2	90.5
≥ 1000	70.9	87.6	89.3	89.8	90.7	90.7	90.9	91.2	91.2	91.5	91.5	91.5	91.7	91.7	91.9	92.2
≥ 900	70.9	87.8	89.7	90.2	91.0	91.0	91.2	91.5	91.5	91.9	91.9	91.9	92.0	92.0	92.2	92.6
≥ 800	70.9	88.3	90.7	91.2	92.0	92.0	92.3	92.4	92.7	92.7	93.1	93.1	93.1	93.2	93.4	93.7
≥ 700	70.9	88.3	90.9	91.4	92.2	92.2	92.6	92.9	92.9	93.2	93.2	93.2	93.4	93.4	93.6	93.9
≥ 600	71.1	88.5	91.4	91.9	92.7	92.7	93.1	93.4	93.4	93.7	93.7	93.7	93.9	93.9	94.1	94.4
≥ 500	71.1	88.7	91.5	92.0	93.1	93.1	93.6	93.9	93.9	94.2	94.2	94.2	94.4	94.4	94.6	94.9
≥ 400	71.1	88.7	92.0	92.6	93.6	93.6	94.1	94.4	94.4	94.9	94.9	94.9	95.1	95.1	95.3	95.6
≥ 300	71.1	88.7	92.0	92.6	93.6	93.6	94.1	94.8	94.8	95.1	95.1	95.3	95.4	95.4	95.6	95.9
≥ 200	71.1	88.7	92.0	92.6	93.6	93.6	94.2	94.8	94.8	95.4	95.4	95.6	96.1	96.1	96.3	96.6
≥ 100	71.1	88.7	92.0	92.6	93.6	93.6	94.2	94.8	94.8	95.4	95.4	95.6	96.1	96.1	96.6	97.6
≥ 0	71.1	88.7	92.0	92.6	93.6	93.6	94.2	94.8	94.8	95.4	95.4	95.6	96.1	96.1	96.6	97.6

TOTAL NUMBER OF OBSERVATIONS 593

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1980-1100
 1045 137

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	47.4	50.4	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	54.3	57.8	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	54.3	58.4	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	54.3	58.4	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	56.6	60.3	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	57.2	61.2	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	58.1	62.5	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	58.1	62.5	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	58.1	62.5	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	58.1	62.5	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	62.7	68.1	69.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	67.1	73.1	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	69.0	75.0	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	71.4	78.0	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	72.3	79.0	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	73.3	80.4	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	75.2	82.1	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	77.5	87.1	89.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	77.5	87.1	89.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	75.0	83.1	91.7	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	78.5	89.1	92.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	79.0	90.1	93.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	79.1	90.1	93.7	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	79.1	90.1	93.7	95.1	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	79.1	90.1	93.7	95.2	96.3	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	79.1	90.1	93.7	95.6	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	79.2	90.8	94.5	95.9	97.1	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	79.2	90.8	94.7	96.1	97.3	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	79.2	90.8	94.7	96.1	97.3	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	79.2	90.8	94.7	96.3	97.4	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	79.2	90.8	94.7	96.3	97.4	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	79.2	90.8	94.7	96.3	97.4	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 537

JOINT CLIMATOLOGY BRANCH
 JOINTAFAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

232 9 MONTEREY FAA CA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1230-1400
 155-157

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	57.4	52.4	52.1	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	55.5	61.6	62.3	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	56.2	61.3	63.1	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	56.2	61.3	63.1	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	57.2	62.6	64.3	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	57.6	63.5	65.2	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	58.1	64.9	66.6	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	58.7	64.9	66.6	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	59.9	66.2	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	60.5	66.9	68.6	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	61.6	68.1	70.3	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	62.5	68.9	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	63.5	69.9	72.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	67.7	74.7	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	68.3	75.2	77.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	71.7	78.1	80.5	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	74.4	81.7	84.4	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	76.3	86.6	89.6	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	78.1	86.9	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	79.3	88.9	92.2	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	79.6	91.0	93.1	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	80.3	91.5	95.4	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	80.3	91.5	95.4	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	80.3	91.7	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	80.3	91.9	96.3	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	80.5	92.1	96.8	98.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	80.6	92.1	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	80.6	92.1	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	80.6	92.1	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	80.6	92.1	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	80.6	92.0	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	80.6	92.0	96.8	98.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 589

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICES/HAC

CEILING VERSUS VISIBILITY

27217 MONTEREY FAA CA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	23	24	23	22.5	22	21.5	21	21	20.5	20	20	20	20	20
NO CEILING	42.6	47.1	48.4	48.7	49.2	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	54.1	58.7	60.5	60.6	61.1	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	55.7	60.4	62.1	62.3	62.8	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	55.7	60.4	62.1	62.3	62.8	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	57.1	62.3	63.8	64.2	64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	57.4	63.1	64.5	64.9	65.4	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	59.8	65.4	66.9	67.2	67.7	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	59.8	65.3	67.1	67.4	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	59.9	66.1	67.6	67.9	68.4	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	59.8	66.4	67.9	68.1	68.8	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	61.1	67.4	68.9	69.3	69.8	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	61.8	68.9	70.5	70.8	71.3	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	62.8	70.1	71.6	72.0	72.5	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	65.2	73.3	74.9	75.2	75.7	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	66.0	74.7	76.2	76.6	77.1	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	68.3	77.2	78.5	79.1	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	71.1	81.0	82.1	83.0	83.7	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	72.8	84.6	86.6	87.4	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	73.1	85.1	87.2	87.9	88.6	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	74.9	87.3	89.5	90.5	91.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	75.1	87.8	91.5	91.5	92.5	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	75.7	89.1	91.9	93.2	94.2	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	75.7	89.1	92.0	93.4	94.4	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	75.7	89.1	92.5	94.2	95.2	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	75.7	89.5	93.0	94.7	95.8	96.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	75.9	89.6	93.4	95.1	95.1	96.6	97.6	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	75.9	89.8	93.9	95.8	96.9	97.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	75.9	89.8	94.1	95.8	97.5	98.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	75.9	89.8	94.1	95.8	97.5	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.9	89.8	94.1	95.8	97.5	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.9	89.8	94.1	95.8	97.5	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.9	89.8	94.1	95.8	97.5	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 589

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2009 MONTEREY FAA CA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	41.6	47.2	48.7	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	45.7	52.3	53.5	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	47.4	54.1	55.7	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	47.4	54.1	55.7	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	48.9	55.7	57.2	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	49.4	56.3	58.7	58.5	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	51.4	58.7	60.4	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	51.4	58.7	60.4	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	51.8	59.1	60.9	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	52.5	59.7	61.6	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	53.5	61.4	63.3	63.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	55.7	65.7	67.7	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	55.7	66.4	68.0	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	59.2	70.2	72.4	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	60.7	71.9	74.1	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	62.8	74.1	76.5	77.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	64.1	76.6	79.2	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	66.2	80.0	83.4	84.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	66.2	80.4	83.9	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	67.7	82.6	86.3	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	67.7	83.1	86.8	87.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	69.0	84.6	88.5	89.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	69.4	85.1	89.0	90.4	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	69.5	86.3	90.5	91.9	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	69.5	86.3	91.0	92.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	69.5	86.3	91.2	92.7	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	69.5	86.3	91.7	93.4	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	69.5	86.5	91.9	93.7	96.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	69.5	86.5	92.1	93.9	97.0	97.5	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	69.5	86.5	92.3	93.9	97.0	97.5	98.1	98.6	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	69.5	86.5	92.0	93.9	97.0	97.5	98.1	98.6	98.6	99.0	99.2	99.2	99.2	99.3	99.3	99.5
≥ 0	69.5	86.5	92.0	93.9	97.0	97.5	98.1	98.6	98.6	99.0	99.2	99.2	99.2	99.3	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

FILE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4100-2371
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	44.9	53.5	54.3	54.7	55.0	55.3	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	47.5	56.9	57.7	58.0	58.4	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	48.4	57.7	58.5	58.9	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	48.4	57.7	58.5	58.9	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	48.9	58.2	59.1	59.4	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	49.1	58.4	59.4	59.7	60.1	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	50.1	60.2	61.3	61.6	61.9	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	50.4	61.1	62.1	62.4	62.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	51.3	62.1	63.1	63.5	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	51.9	63.6	64.6	65.0	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	52.3	64.1	65.0	65.5	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	54.0	66.8	67.9	68.2	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	54.1	67.5	68.5	68.9	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	56.2	70.6	71.4	71.9	72.4	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500	59.1	74.6	75.6	76.0	76.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	60.6	76.6	78.1	78.3	78.8	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	62.8	79.4	80.7	81.0	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	65.1	82.9	84.6	84.9	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	65.1	83.4	85.1	85.4	86.3	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	66.3	85.8	87.5	87.8	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	67.2	87.1	88.7	89.1	90.5	90.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	68.0	88.5	90.7	91.2	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	68.2	88.8	91.0	91.5	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	68.4	89.2	91.9	92.4	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	68.4	89.2	92.6	93.1	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	68.5	89.7	93.6	94.2	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	68.5	89.8	93.9	94.6	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	68.5	89.8	93.9	94.6	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	68.5	93.0	94.2	95.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	68.5	93.0	94.2	95.1	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	68.5	90.0	94.2	95.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	68.5	90.0	94.2	95.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING	44.9	51.8	52.7	52.9	53.4	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	57.2	57.9	58.9	59.1	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9
≥ 18000	51.1	58.8	59.8	60.0	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 16000	51.1	58.8	59.8	60.0	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 14000	52.1	60.1	61.1	61.3	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2
≥ 12000	52.4	60.6	61.7	61.9	62.4	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
≥ 10000	53.5	62.2	63.2	63.4	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	53.5	62.3	63.4	63.6	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	54.5	63.5	64.6	64.8	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7
≥ 7000	55.3	64.6	65.6	65.9	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8
≥ 6000	56.5	66.2	67.3	67.5	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 5000	58.6	69.5	70.7	71.0	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9
≥ 4500	59.2	70.3	71.5	71.8	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	61.7	73.5	74.8	75.1	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	62.6	74.9	76.2	76.5	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4
≥ 3000	64.7	77.5	79.0	79.3	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3
≥ 2500	66.5	79.3	81.5	81.9	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8
≥ 2000	68.5	83.6	85.7	86.2	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
≥ 1800	68.5	83.9	86.1	86.6	87.3	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1500	69.8	85.9	88.1	88.7	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9
≥ 1200	70.1	86.8	89.1	89.8	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1000	70.9	88.2	91.1	91.7	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 900	71.1	88.3	91.2	92.1	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7
≥ 800	71.1	88.8	91.9	92.8	94.1	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8
≥ 700	71.1	88.9	92.3	93.3	94.6	94.7	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.4
≥ 600	71.2	89.1	92.8	93.8	95.2	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0
≥ 500	71.2	89.2	93.1	94.2	95.7	95.8	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7
≥ 400	71.2	89.2	93.3	94.4	96.1	96.2	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 300	71.2	89.3	93.5	94.6	96.5	96.7	97.3	97.6	97.6	97.9	98.0	98.0	98.0	98.1	98.1
≥ 200	71.2	89.3	93.5	94.6	96.5	96.7	97.4	97.7	97.7	98.0	98.2	98.2	98.4	98.6	98.6
≥ 100	71.2	89.3	93.5	94.6	96.5	96.7	97.4	97.7	97.7	98.1	98.3	98.3	98.6	98.6	99.2
≥ 0	71.2	89.3	93.5	94.6	96.5	96.7	97.4	97.7	97.7	98.1	98.3	98.3	98.6	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 4719

GLOBAL CLIMATOLOGY BRANCH
CLAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-7200
HOURS 1ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	36.5	44.1	44.4	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	47.3	46.4	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	47.4	46.7	47.5	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	47.4	46.7	47.5	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	47.6	47.6	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	47.6	47.6	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	48.7	48.7	49.5	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 9000	48.7	48.7	49.5	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 8000	49.9	49.9	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	49.9	49.9	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 6000	50.8	50.8	51.6	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 5000	55.1	55.1	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	55.9	55.9	57.1	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4000	57.6	57.6	58.8	58.8	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500	59.3	59.3	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 3000	63.9	63.9	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	67.9	67.9	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2000	75.9	75.9	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	76.3	76.3	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	83.3	83.3	84.5	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	86.5	86.5	86.5	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	84.8	84.8	89.7	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	85.4	85.4	91.1	91.1	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	86.0	86.0	91.9	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	86.2	86.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 600	86.8	86.8	92.9	92.9	92.9	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	87.7	87.7	94.3	94.3	94.3	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	87.7	87.7	94.3	94.3	94.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	87.7	87.7	94.3	94.3	94.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	87.7	87.7	94.3	94.3	94.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	87.7	87.7	94.3	94.3	94.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0	87.7	87.7	94.3	94.3	94.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 621

CLIMATE CLIMATOLOGY BRANCH
 OFFICE
 WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2020 MONTEREY FAA CA

73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
 HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	36.7	44.1	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	36.6	47.2	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 18000	39.2	47.8	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	39.2	47.8	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	39.8	48.4	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	39.9	48.5	48.7	48.8	48.8	48.8	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	40.9	49.9	50.1	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 9000	40.9	49.9	50.1	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	41.5	50.5	50.7	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	41.9	51.5	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	42.9	52.4	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 5000	45.1	55.9	56.2	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	45.5	56.4	56.7	56.8	56.8	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4000	48.1	59.1	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500	48.7	60.7	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3000	51.9	65.7	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 2500	54.2	69.7	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	57.3	77.3	79.7	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	57.3	77.4	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	60.1	81.4	83.9	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	60.5	82.8	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	61.4	85.3	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	61.8	85.7	89.6	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	61.8	86.5	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	61.8	86.5	91.2	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	61.9	87.7	92.6	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	61.9	88.5	93.9	94.9	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	61.9	88.6	94.7	95.5	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	61.9	88.6	94.3	95.9	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 200	61.9	88.6	94.3	96.2	96.9	96.9	97.5	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 100	61.9	88.6	94.3	96.0	96.9	96.9	97.5	97.5	97.5	97.8	97.8	97.8	98.2	98.2	98.3	98.5
≥ 0	61.9	88.6	94.3	96.0	96.9	96.9	97.5	97.5	97.5	97.8	97.8	97.8	98.5	98.5	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 551

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 2 1 MONTEREY FAA CA

73-79

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

76.77-78.00
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	39.8	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	43.6	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	44.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9
≥ 16000	44.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	46.2	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	46.4	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	47.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	47.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	48.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	48.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3
≥ 6000	49.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0
≥ 5000	52.7	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	53.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	55.8	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3500	57.2	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0
≥ 3000	60.1	68.4	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	63.1	72.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2000	66.7	78.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	66.7	78.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	68.2	82.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	69.1	84.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	69.6	85.6	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	69.6	86.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	70.2	86.9	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	70.2	87.1	92.2	92.5	92.9	92.9	92.9	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	70.4	87.9	93.1	93.5	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6
≥ 500	70.4	88.3	93.7	94.3	95.4	95.4	95.5	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	70.4	88.5	93.9	95.2	96.5	96.5	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 300	70.4	88.5	93.9	95.4	96.9	96.9	97.5	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	70.4	88.5	93.9	95.4	96.9	96.9	97.5	97.5	97.5	97.8	98.0	98.0	98.2	98.2	98.3	98.3
≥ 100	70.4	88.5	93.9	95.4	96.9	96.9	97.5	97.5	97.5	97.8	98.0	98.0	98.2	98.2	98.8	99.1
≥ 0	70.4	88.5	93.9	95.4	96.9	96.9	97.5	97.5	97.5	97.9	98.0	98.0	98.2	98.2	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
JTAFTAC
U.S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20055 MONTEREY FAA CA

73-79

4 AR
MONTH

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	43.2	45.8	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	47.5	51.4	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	48.3	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	48.3	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	50.2	54.6	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	50.2	54.6	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	51.4	56.0	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	51.4	56.0	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	52.6	57.3	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 7000	53.2	57.9	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	54.3	59.1	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000	56.5	61.4	61.9	62.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500	57.9	62.8	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4000	60.2	65.9	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500	61.9	68.2	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3000	64.5	71.8	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2500	66.7	74.7	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	71.1	81.8	83.3	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	71.6	82.3	84.0	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	73.3	85.1	87.1	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	74.1	87.0	90.1	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	74.8	88.6	92.1	92.7	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	74.8	89.1	92.6	93.4	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	74.8	89.7	93.2	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	74.8	90.0	93.7	94.6	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	74.8	90.0	93.8	95.2	96.3	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	74.8	90.3	93.8	95.2	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	74.8	90.3	94.7	95.4	97.5	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	74.8	90.1	94.1	95.5	97.7	97.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	74.8	90.1	94.1	95.5	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	74.8	90.1	94.1	95.5	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	74.8	90.1	94.1	95.5	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 648

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION: MONTPEY FAA CA

73-70

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	46.4	48.7	49.6	51.1	51.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	54.4	57.5	58.4	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	55.2	58.2	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	55.2	58.2	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	55.8	59.3	59.9	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	55.9	59.6	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	57.6	61.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	57.6	61.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	58.4	62.2	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	58.7	62.6	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	59.3	63.6	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	61.8	65.8	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	63.1	67.3	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	66.3	71.5	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	78.0	73.8	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	72.1	79.4	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	74.6	82.6	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	77.2	86.3	88.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	77.3	86.6	88.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	78.4	89.1	92.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	83.1	91.1	94.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	80.8	92.3	95.6	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	85.8	92.3	95.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	80.8	92.4	97.1	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	85.8	92.4	97.1	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	80.8	92.4	97.1	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	80.8	92.4	97.1	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	80.8	92.4	97.1	98.3	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	80.8	92.4	97.1	98.3	98.6	98.6	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	80.8	92.4	97.1	98.3	98.8	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	80.8	92.4	97.1	98.3	98.8	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	80.8	92.4	97.1	98.3	98.8	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: MONTEREY FAA CA

73-79

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1700
HOURS

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	45.8	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	58.5	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	55.4	58.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	55.4	58.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	55.6	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	55.6	59.1	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	58.2	62.1	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	58.2	62.1	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 8000	59.3	63.8	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	59.3	63.8	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	65.7	65.2	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	62.4	66.9	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	63.8	68.3	69.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	67.5	72.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	58.9	74.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	72.4	78.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	75.1	81.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	79.1	86.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	79.3	86.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	81.3	89.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	82.4	91.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	83.9	93.2	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	83.9	93.3	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	84.1	93.7	97.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	84.1	93.8	97.5	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	84.1	93.8	97.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	84.1	93.8	97.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	84.1	93.8	97.5	97.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	84.1	94.1	97.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.1	94.1	97.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.1	94.1	97.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.1	94.1	97.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	41.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	45.8	50.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	45.8	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	46.8	53.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	47.7	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	48.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	50.5	55.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	50.5	55.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	51.4	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 7000	51.7	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000	52.1	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	52.6	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4500	54.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000	56.9	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3500	58.8	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3000	59.9	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	61.6	71.6	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	66.4	77.3	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	67.3	78.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1500	70.2	82.6	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	70.8	84.7	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	73.3	87.8	91.7	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	73.3	88.1	91.4	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	73.8	89.3	92.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	74.1	90.1	93.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	74.5	90.6	94.4	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	74.5	91.3	94.9	96.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	74.5	91.3	95.1	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	74.5	91.3	95.1	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	74.5	91.3	95.2	96.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	74.5	91.3	95.2	96.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	74.5	91.3	95.2	96.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 548

AERIAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
 MONTEPEY FAA CA

73-79

MAP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 100% 15'

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	43.3	48.7	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	46.2	52.1	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	46.7	52.5	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	46.7	52.5	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	47.0	52.9	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	47.2	53.0	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	47.8	54.4	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 9000	47.8	54.4	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	48.2	54.9	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	48.7	55.3	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	49.2	55.9	56.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 5000	51.2	58.9	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	51.8	59.6	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4000	53.3	62.4	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3500	55.2	65.3	65.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3000	56.9	68.0	68.7	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	58.1	70.1	71.2	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000	62.1	76.1	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	63.3	77.7	79.1	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	65.1	82.4	84.4	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	66.6	84.4	86.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	68.4	87.5	90.9	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	68.4	87.8	91.9	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	68.6	88.1	92.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	68.8	89.2	93.4	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	68.9	89.7	94.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	68.9	90.3	95.2	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	68.9	90.4	95.4	96.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	68.9	90.4	95.5	96.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	68.9	90.4	95.5	96.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	68.9	90.4	95.5	96.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	68.9	90.4	95.5	96.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
 WAFB 740
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: MONTEREY FAA CA

73-79

MAC

STATION

STATION NAME

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	42.3	45.9	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	46.3	51.1	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	46.9	51.7	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	45.9	51.7	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	47.3	52.9	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	46.1	53.2	53.8	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	49.5	54.9	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	49.5	54.9	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	50.3	55.9	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 7000	50.6	56.3	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	51.5	57.3	58.3	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	53.6	60.3	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	54.7	61.2	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 4000	57.1	64.3	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	58.5	66.5	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3000	61.3	70.5	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	63.6	73.3	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	67.3	79.9	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1800	67.7	80.5	82.3	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	69.8	84.1	86.6	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	73.6	85.9	88.8	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	71.7	88.1	91.3	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	71.7	88.5	92.3	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	72.3	89.3	93.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	72.3	89.4	93.4	94.6	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	72.3	89.9	94.5	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	72.3	90.3	95.1	96.0	96.8	96.8	97.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	72.3	90.3	95.1	96.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	72.3	90.4	95.2	96.5	97.9	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	72.3	90.4	95.3	96.5	98.0	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	72.3	90.4	95.3	96.5	98.0	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	72.3	90.4	95.3	96.5	98.0	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 5193

U. S. NAVAL CLIMATOLOGY BRANCH
 11-75742
 171 WENTWORTH SERVICE/MAC

CEILING VERSUS VISIBILITY

272 MONTEREY FAA CA

73-79

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1753-1200
 1753-1200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.10	≥.	≥0	≥0
NO CEILING	42.3	54.1	54.5	54.5	54.7	54.7	54.7	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	43.1	55.2	55.6	55.6	55.8	55.8	55.8	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	43.2	55.2	55.6	55.6	55.8	55.8	55.8	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	43.1	55.2	55.6	55.6	55.8	55.8	55.8	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	43.0	56.4	56.9	56.9	57.1	57.1	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	43.6	56.4	56.9	56.9	57.1	57.1	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000	43.7	56.4	57.1	57.1	57.2	57.2	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	43.7	56.6	57.1	57.1	57.2	57.2	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	44.4	57.6	58.0	58.0	58.2	58.2	58.2	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	44.4	57.6	58.0	58.0	58.2	58.2	58.2	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	44.7	57.9	58.3	58.3	58.5	58.5	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000	45.9	58.7	61.3	61.2	61.4	61.4	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	47.4	61.2	61.7	61.7	61.8	61.8	61.8	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4000	48.3	63.3	63.4	63.4	63.6	63.6	63.6	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	50.2	64.5	65.3	65.0	65.2	65.2	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	52.3	67.4	67.9	67.9	68.0	68.0	68.0	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500	52.5	73.3	73.4	73.4	73.6	73.6	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000	55.5	73.8	74.4	74.7	75.2	75.2	75.2	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1800	56.1	74.4	75.1	75.4	75.8	75.8	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	57.9	79.2	79.6	80.1	80.6	80.6	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	59.1	81.2	82.2	82.5	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	61.4	87.1	88.7	89.3	89.5	89.5	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	61.4	87.1	89.0	89.3	89.8	89.8	89.8	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	61.5	87.9	90.3	90.8	91.3	91.3	91.3	91.6	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	61.5	88.2	90.8	91.3	91.7	91.7	91.7	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	61.5	89.2	92.5	93.3	94.0	94.0	94.0	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	61.5	89.2	92.5	93.8	94.6	94.6	94.6	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	61.5	89.5	93.4	94.8	95.5	95.5	95.5	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	61.5	89.5	93.8	95.1	97.3	97.5	97.5	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	61.5	89.5	93.8	95.1	97.3	97.5	97.5	98.4	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 100	61.5	89.5	93.8	95.1	97.3	97.5	97.5	98.6	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 0	61.5	89.5	93.8	95.1	97.3	97.5	97.5	98.6	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 629

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

STATION MONTPELIER F4A CA

75-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-7500
FOOT FEET

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	36.1	45.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.5	47.6
≥ 20000	37.8	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.2	49.2	49.4	49.5
≥ 18000	37.8	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.2	49.2	49.4	49.5
≥ 16000	37.8	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.2	49.2	49.4	49.5
≥ 14000	38.7	49.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	51.0	51.1
≥ 12000	38.7	49.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	51.0	51.1
≥ 10000	39.2	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.4	51.6
≥ 9000	39.2	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.4	51.6
≥ 8000	40.2	51.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.9	53.0
≥ 7000	40.2	51.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.9	53.0
≥ 6000	41.6	51.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.2	53.2	53.3	53.5
≥ 5000	42.5	54.4	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.2	56.2	56.3	56.5
≥ 4500	42.5	54.4	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.2	56.2	56.3	56.5
≥ 4000	43.2	55.8	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.7	58.9
≥ 3500	44.6	57.6	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.5	59.7
≥ 3000	47.5	62.2	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.5	64.8
≥ 2500	48.4	64.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.7	66.7	66.8	67.0
≥ 2000	51.2	65.7	70.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.9	72.1
≥ 1800	51.2	65.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.9	72.1
≥ 1500	53.2	73.8	75.6	75.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.3	77.5
≥ 1200	54.7	75.7	77.8	78.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.7
≥ 1000	55.9	81.3	84.7	85.1	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.7	86.8
≥ 900	55.9	81.3	84.7	85.1	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.7	86.8
≥ 800	55.9	81.3	84.7	85.1	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.7	86.8
≥ 700	55.9	82.9	87.1	88.1	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.2	90.3
≥ 600	55.9	84.0	89.6	89.7	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.7	91.9
≥ 500	55.9	84.6	89.2	90.5	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.4	92.5	92.7
≥ 400	56.2	85.6	91.2	91.4	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.5	93.5	93.7	93.8
≥ 300	56.2	85.7	91.7	91.7	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	95.1	95.1	95.7	95.9
≥ 200	56.2	85.7	90.5	91.7	94.0	94.0	95.4	95.6	95.6	95.6	95.6	95.6	96.2	96.7	96.8	97.0
≥ 100	56.2	85.7	90.5	91.7	94.0	94.0	95.4	95.6	95.6	95.6	95.6	95.6	96.2	96.7	96.8	97.0
≥ 0	56.2	85.7	90.5	91.7	94.0	94.0	95.4	95.6	95.6	95.6	95.6	95.6	96.2	96.7	96.8	97.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2009 MONTEPEL FAA CA

73-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.6	46.8	47.9	48.3	48.7	46.7	48.9	48.9	48.9	49.2	49.2	49.2	49.4	49.4	49.4	49.5
≥ 20000	43.2	51.1	51.1	51.4	51.9	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.7	52.7	52.7	52.9
≥ 18000	43.3	51.2	51.3	51.6	52.1	52.1	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
≥ 16000	43.3	51.2	51.3	51.6	52.1	52.1	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
≥ 14000	44.3	51.6	52.7	53.0	53.5	53.5	53.8	53.8	53.8	54.1	54.1	54.1	54.3	54.3	54.3	54.4
≥ 12000	44.3	51.6	52.7	53.0	53.5	53.5	53.8	53.8	53.8	54.1	54.1	54.1	54.3	54.3	54.3	54.4
≥ 10000	45.4	52.9	54.1	54.3	54.8	54.8	55.1	55.1	55.1	55.4	55.4	55.4	55.6	55.6	55.6	55.7
≥ 9000	45.4	52.9	54.1	54.3	54.8	54.8	55.1	55.1	55.1	55.4	55.4	55.4	55.6	55.6	55.6	55.7
≥ 8000	45.9	53.3	54.4	54.8	55.2	55.2	55.6	55.6	55.6	55.9	55.9	55.9	56.2	56.2	56.2	56.3
≥ 7000	46.1	53.5	54.6	54.9	55.4	55.4	55.7	55.7	55.7	56.0	56.0	56.0	56.2	56.2	56.2	56.3
≥ 6000	46.3	53.8	54.9	55.2	55.7	55.7	56.0	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.7
≥ 5000	46.9	56.3	57.5	57.9	58.3	58.3	58.6	58.6	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.2
≥ 4500	49.4	56.8	57.9	58.3	58.7	58.7	59.0	59.0	59.0	59.4	59.4	59.4	59.5	59.5	59.5	59.7
≥ 4000	53.3	61.7	62.9	63.2	63.7	63.7	64.0	64.0	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.6
≥ 3500	54.3	63.0	64.1	64.4	64.9	64.9	65.2	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.9
≥ 3000	58.4	67.6	68.9	69.2	69.7	69.7	70.0	70.0	70.0	70.3	70.3	70.3	70.5	70.5	70.5	70.6
≥ 2500	59.5	69.2	70.5	70.8	71.3	71.3	71.6	71.6	71.6	71.9	71.9	71.9	72.1	72.1	72.1	72.2
≥ 2000	61.3	71.7	73.2	73.5	74.1	74.1	74.4	74.4	74.4	74.8	74.8	74.8	74.9	74.9	74.9	75.1
≥ 1800	61.3	72.2	73.8	74.1	74.8	74.8	75.1	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.7
≥ 1500	64.1	76.7	78.7	79.2	80.0	80.0	80.3	80.3	80.3	80.6	80.6	80.6	80.8	80.8	80.8	81.0
≥ 1200	65.3	79.4	81.4	81.9	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.7
≥ 1000	65.7	80.6	83.7	84.1	85.1	85.1	85.4	85.4	85.4	85.7	85.7	85.7	85.9	85.9	85.9	86.0
≥ 900	65.7	80.6	83.7	84.1	85.1	85.1	85.4	85.4	85.4	85.7	85.7	85.7	85.9	85.9	85.9	86.0
≥ 800	65.7	81.1	84.4	85.2	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.6
≥ 700	65.7	81.4	85.1	85.9	87.3	87.3	87.6	87.6	87.6	87.9	87.9	87.9	88.1	88.1	88.1	88.3
≥ 600	65.7	81.9	86.7	87.9	89.7	89.7	90.0	90.0	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.8
≥ 500	65.7	81.9	87.1	88.3	91.1	91.1	92.1	92.1	92.1	92.5	92.5	92.5	92.7	92.7	92.7	92.9
≥ 400	65.7	81.9	87.8	89.4	92.2	92.4	94.1	94.3	94.3	94.8	94.8	94.8	95.1	95.1	95.1	95.2
≥ 300	65.7	81.9	87.9	89.4	92.5	92.9	94.8	94.9	94.9	95.4	95.6	95.6	96.2	96.2	96.2	96.3
≥ 200	65.7	81.9	87.9	89.4	92.5	92.9	94.8	95.2	95.2	95.7	96.1	96.1	97.3	97.3	97.5	97.6
≥ 100	65.7	81.9	87.9	89.4	92.5	92.9	94.8	95.2	95.2	95.7	96.2	96.2	97.6	97.6	98.3	98.9
≥ 0	65.7	81.9	87.9	89.4	92.5	92.9	94.8	95.2	95.2	95.7	96.2	96.2	97.8	97.8	98.6	99.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 2724 MONTREY FAA CA

75-79

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.1	≥0
NO CEILING	49.9	56.5	57.6	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	53.9	61.1	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	53.9	61.2	62.4	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	53.9	61.2	62.4	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	53.9	62.2	63.3	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	54.5	62.2	63.3	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	55.3	63.3	64.4	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	55.3	63.3	64.4	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	56.3	64.3	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	56.5	64.4	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	56.6	64.6	65.7	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	59.2	66.2	67.3	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	59.0	67.1	68.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	62.2	70.5	71.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	64.3	73.8	75.1	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	67.1	76.7	78.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	69.4	79.7	81.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	71.0	82.0	83.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	71.3	82.5	84.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	73.5	85.2	86.9	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	74.5	87.4	89.1	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	74.5	88.7	91.9	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	74.6	89.3	92.8	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	74.6	89.3	93.1	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	74.6	89.3	93.8	95.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	74.6	89.5	94.1	95.7	97.3	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	74.8	89.6	94.4	96.0	97.8	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	74.8	89.6	94.7	96.3	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	74.8	89.6	94.7	96.3	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	74.8	89.6	94.7	96.3	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	74.8	89.6	94.7	96.3	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	74.8	89.6	94.7	96.3	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27210
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1210-1430
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.1	≥0
NO CEILING	67.2	67.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥20000	63.8	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥18000	64.3	71.6	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥16000	64.3	71.6	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥14000	65.4	72.9	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥12000	67.6	73.0	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥10000	66.7	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥9000	66.7	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥8000	67.1	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥7000	67.3	74.9	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥6000	67.6	75.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥5000	69.3	77.0	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥4500	70.7	77.5	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥4000	73.2	80.6	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥3500	75.2	83.2	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥3000	77.1	85.4	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥2500	78.9	87.6	87.8	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥2000	81.3	89.5	89.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥1800	81.5	89.7	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥1500	83.7	93.8	94.8	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1200	83.7	94.3	95.7	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥1000	83.8	95.4	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥900	83.8	95.4	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥800	83.8	95.6	97.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥700	84.0	95.7	97.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥600	84.1	95.7	97.9	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	84.1	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	84.1	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	84.1	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	84.1	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	84.1	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	84.0	95.7	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21012 MONTEREY FAA CA

75-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	58.3	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	52.3	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	52.3	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	52.3	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	63.7	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	64.3	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	65.4	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	65.4	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	65.9	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	66.4	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	66.6	73.6	73.9	74.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	68.1	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	68.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	70.4	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	74.8	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	76.1	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	78.1	85.2	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	81.1	88.2	88.4	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	81.4	88.5	88.9	89.1	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	82.6	92.7	93.2	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	83.4	93.8	95.1	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	85.0	95.7	97.3	97.5	97.5	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	85.0	95.9	97.8	97.9	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	85.0	96.0	98.2	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.0	96.0	98.6	98.9	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

APD

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - 1.51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	51.6	57.9	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	56.7	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	57.1	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	57.1	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	58.1	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	58.1	65.4	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	58.9	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	59.0	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	59.4	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	59.8	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	60.2	67.8	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	61.9	69.5	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	62.5	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	64.3	71.7	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500	66.9	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	69.2	77.1	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	71.5	78.9	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2000	71.7	81.3	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	71.9	81.6	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	75.6	86.8	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	77.3	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	78.3	91.6	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	78.4	92.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	78.4	92.9	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	78.7	93.3	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	78.9	93.5	97.1	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	79.1	93.7	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	79.0	93.7	97.6	98.3	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	79.1	93.7	97.8	98.4	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.0	93.7	97.8	98.4	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.1	93.7	97.8	98.4	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.0	93.7	97.8	98.4	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

APD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	48.6	61.8	62.5	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	50.2	63.4	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	50.4	63.6	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	51.2	64.5	65.2	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	51.2	64.5	65.2	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	51.8	65.2	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	51.8	65.2	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	52.3	65.7	66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	52.3	65.7	66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	52.8	66.1	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	52.8	66.1	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	55.2	68.7	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	55.8	69.3	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	57.4	70.9	71.5	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3500	59.3	73.4	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	60.7	75.5	76.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	61.2	76.2	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	62.5	78.4	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	63.1	79.1	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	64.1	82.5	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	65.1	85.1	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	66.9	88.7	89.8	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	66.9	88.7	90.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	67.1	89.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	67.1	90.0	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	67.2	91.3	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	67.6	91.7	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	67.6	91.7	97.1	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	67.6	91.7	97.5	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	67.6	91.7	97.5	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	67.6	91.7	97.5	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	67.6	91.7	97.5	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	-	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	48.4	55.9	57.5	57.8	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 20000	51.4	58.1	60.7	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 18000	51.5	60.3	61.9	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 16000	51.5	60.3	61.9	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 14000	52.4	61.8	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 12000	52.5	61.8	62.4	62.5	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0
≥ 10000	53.3	62.6	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 9000	53.3	62.6	63.3	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 8000	53.9	63.3	64.0	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 7000	54.2	63.6	64.2	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 6000	54.4	63.8	64.5	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 5000	56.4	66.7	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 4500	56.9	66.5	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 4000	59.1	59.1	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 3500	61.2	71.5	72.3	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 3000	63.6	74.4	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 2500	64.9	76.4	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 2000	66.7	79.2	80.1	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 1800	67.0	79.6	80.5	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.6
≥ 1500	69.3	83.8	85.7	85.5	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 1200	71.2	85.9	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6
≥ 1000	71.4	88.7	90.7	91.3	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 900	71.5	88.9	91.2	91.8	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 800	71.5	89.3	92.1	92.8	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 700	71.6	89.6	92.9	93.6	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 600	71.6	90.1	93.9	94.8	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 500	71.7	90.3	94.2	95.2	96.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	71.7	90.5	94.7	95.7	96.9	97.0	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9
≥ 300	71.7	90.5	94.8	95.8	97.5	97.6	98.2	98.4	98.4	98.5	98.6	98.6	98.8	98.8	98.8	98.8
≥ 200	71.7	90.5	94.8	95.9	97.5	97.7	98.4	98.6	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.3
≥ 100	71.7	90.5	94.8	95.9	97.5	97.7	98.4	98.7	98.7	98.9	99.0	99.0	99.3	99.3	99.5	99.7
≥ 0	71.7	90.5	94.8	95.9	97.5	97.7	98.4	98.7	98.7	98.9	99.0	99.0	99.4	99.4	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 5033

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: MONTEREY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

737-7270
HOURS: 151

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	33.3	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 8000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 5000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 4500	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 4000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3500	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2500	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1800	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1600	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1500	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1200	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1000	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 900	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 800	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 700	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 600	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 500	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 400	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 300	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 200	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 100	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 0	33.3	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION MONTEPEY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

332-0500
NOV 1979

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	25.1	35.2	35.9	35.9	35.3	36.3	36.3	36.3	36.2	36.3	36.3	36.3	36.6	36.6	36.6	36.7
≥ 20000	23.8	36.3	37.1	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.6
≥ 18000	23.8	36.3	37.1	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.8
≥ 16000	23.8	36.3	37.1	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.8
≥ 14000	23.8	36.3	37.1	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.8
≥ 12000	23.8	36.3	37.1	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.8
≥ 10000	24.3	36.9	37.6	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.2	38.2	38.2	38.4
≥ 9000	24.4	37.0	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.4	38.4	38.4	38.6
≥ 8000	24.4	37.3	38.2	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.9	38.9	38.9	39.1
≥ 7000	24.7	37.5	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.2	39.2	39.2	39.3
≥ 6000	24.9	37.6	38.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.5
≥ 5000	25.3	38.2	39.3	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.9	39.9	39.9	40.1
≥ 4500	25.3	38.4	39.5	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.1	40.1	40.1	40.2
≥ 4000	26.3	39.8	40.9	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.5	41.5	41.5	41.6
≥ 3500	26.3	39.9	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.6	41.6	41.6	41.7
≥ 3000	27.2	41.6	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3	43.3	43.3	43.5
≥ 2500	27.3	42.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.4	44.4	44.4	44.5
≥ 2000	29.2	45.7	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.2	47.2	47.2	47.3
≥ 1800	29.2	45.5	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.6	47.6	47.8
≥ 1500	32.1	51.8	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.0	53.1
≥ 1200	34.4	55.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.5
≥ 1000	37.3	62.8	66.8	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.9
≥ 900	37.3	65.1	69.8	69.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.7
≥ 800	38.4	68.2	74.3	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.9	75.9	75.9	76.0
≥ 700	38.8	69.7	76.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.2
≥ 600	39.3	71.9	80.5	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.8
≥ 500	39.3	73.1	82.9	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.6
≥ 400	39.3	73.6	84.3	86.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.6
≥ 300	39.0	73.6	84.8	87.3	90.5	90.5	91.1	91.1	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.7
≥ 200	39.3	73.6	85.3	87.6	91.1	91.4	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.9
≥ 100	39.0	73.6	85.1	87.6	91.1	91.4	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.9
≥ 0	39.0	73.6	85.1	87.6	91.1	91.4	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.9

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME MONTEREY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16.00-08.00
HOURS (EST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	28.4	33.5	36.5	36.4	37.7	37.5	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥ 20000	36.7	36.4	39.2	39.3	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2
≥ 18000	36.7	36.4	39.2	39.3	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2
≥ 16000	36.7	36.4	39.2	39.3	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2
≥ 14000	31.2	37.0	39.8	39.9	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9
≥ 12000	31.2	37.0	39.8	40.1	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0
≥ 10000	31.8	38.1	40.9	41.2	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1
≥ 9000	31.8	38.1	40.9	41.2	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1
≥ 8000	32.3	38.6	41.3	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5
≥ 7000	32.3	38.6	41.3	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5
≥ 6000	32.3	38.6	41.3	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5
≥ 5000	32.3	39.6	42.5	42.9	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8
≥ 4500	32.3	39.6	42.5	42.9	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8
≥ 4000	33.8	40.4	43.3	43.6	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5
≥ 3500	33.9	41.3	43.9	44.2	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3000	34.9	42.4	45.3	45.6	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
≥ 2500	35.9	43.8	46.7	47.0	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
≥ 2000	37.8	46.2	49.3	49.6	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5
≥ 1800	38.4	47.1	50.2	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5
≥ 1500	40.6	51.3	54.7	55.0	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 1200	43.3	56.1	62.4	62.7	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6
≥ 1000	44.9	62.1	68.8	69.1	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2
≥ 900	45.3	63.6	71.7	72.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3
≥ 800	45.6	64.5	74.7	75.3	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5
≥ 700	45.6	65.7	77.0	77.7	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0
≥ 600	45.6	66.7	79.6	79.7	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 500	45.6	67.2	80.9	82.2	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3
≥ 400	45.3	67.4	81.3	83.4	87.3	87.3	89.2	89.6	89.6	89.6	89.9	89.9	89.9	89.9	90.2	90.2
≥ 300	45.8	67.4	81.3	83.7	89.9	89.9	92.2	92.8	93.7	93.7	94.6	94.6	94.6	94.6	95.1	95.1
≥ 200	45.8	67.4	81.3	83.7	89.9	89.9	92.2	93.2	94.5	94.5	95.9	96.8	96.8	97.2	97.4	97.4
≥ 100	45.8	67.4	81.3	83.7	89.9	89.9	92.2	93.2	94.5	94.5	95.9	96.9	96.9	97.5	97.7	97.7
≥ 0	45.8	67.4	81.3	83.7	89.9	89.9	92.2	93.2	94.5	94.5	95.9	96.9	96.9	97.5	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 315 WEATHER SERVICE/HSC

CEILING VERSUS VISIBILITY

21277 MONTEREY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1931-1970
 YEARS 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	41.4	52.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥20000	44.4	56.5	59.9	61.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥18000	44.4	56.5	59.9	60.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥16000	44.4	56.5	59.9	60.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥14000	45.4	57.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥12000	45.4	57.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥10000	46.4	58.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥9000	46.4	58.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥8000	46.4	58.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥7000	46.4	58.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥6000	47.4	59.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥5000	47.4	59.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥4500	48.4	60.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥4000	50.2	62.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥3500	51.1	63.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥3000	51.7	64.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥2500	53.5	66.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥2000	55.7	69.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥1800	55.9	69.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥1500	57.3	72.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥1200	60.5	78.4	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥1000	61.1	80.7	85.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥900	62.2	82.5	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥800	62.2	83.5	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥700	62.2	84.1	93.2	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥600	62.2	84.3	94.0	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥500	62.2	84.6	95.2	96.3	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥400	62.2	84.7	95.5	96.3	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥300	62.2	84.7	95.5	96.3	98.3	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	62.2	84.7	95.5	96.3	98.3	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	62.2	84.7	95.5	96.3	98.3	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0	62.2	84.7	95.5	96.3	98.3	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 648

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
MONTPEY FAA CA

YEARS
73-79

DATE
12-14-79

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	61.6	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 20000	64.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
≥ 18000	65.7	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.2
≥ 16000	65.7	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.2
≥ 14000	66.2	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 12000	66.2	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 10000	66.2	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 9000	66.2	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 8000	66.2	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 7000	67.3	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.2
≥ 6000	67.3	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.2
≥ 5000	67.3	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.2
≥ 4500	67.3	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.2
≥ 4000	67.3	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.2
≥ 3500	69.7	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
≥ 3000	73.7	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 2500	72.2	82.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.2
≥ 2000	73.1	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1800	73.9	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1500	75.1	86.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1200	77.7	93.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 1000	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 900	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 800	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 700	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 600	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 500	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 400	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 300	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 200	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 100	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 0	78.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE CLIMATOLOGY BRANCH
 WAFB-240
 AIRCRAFT SERVICE/MAC

CEILING VERSUS VISIBILITY

21 MAY MONTEREY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

15.0-17.0
 100.0

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	58.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥20000	62.5	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥18000	62.5	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥16000	62.5	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥14000	63.5	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥12000	63.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥10000	64.3	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥9000	64.3	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥8000	64.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥7000	64.5	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥6000	65.1	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥5000	65.7	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥4500	65.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥4000	66.3	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥3500	66.5	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥3000	67.5	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥2500	68.5	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥2000	70.5	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥1800	71.6	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥1500	72.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥1200	75.5	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥1000	76.6	93.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥900	77.2	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥800	77.2	95.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥700	77.7	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥600	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥500	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥400	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥300	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥200	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥100	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥0	77.8	96.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 650

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY F4A CA

73-79

WAV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13,000-2,000
FOOT FEET

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO CEILING	46.4	57.7	58.9	59.1	59.4	59.4	59.5	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥20000	51.5	60.9	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥18000	51.5	60.9	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥16000	51.5	60.9	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥14000	51.5	60.9	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥12000	51.5	60.9	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥10000	52.3	62.0	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥9000	52.3	62.0	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥8000	52.3	62.0	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥7000	52.3	62.0	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥6000	52.3	62.0	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥5000	53.7	63.3	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥4500	54.0	63.8	65.4	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥4000	54.5	64.3	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥3500	54.5	64.3	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥3000	54.5	64.3	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥2500	55.3	66.3	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥2000	57.7	68.5	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥1800	58.2	69.4	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥1500	61.3	73.2	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥1200	63.4	75.4	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥1000	66.2	78.2	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥900	66.2	78.2	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥800	67.2	78.5	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥700	67.5	78.9	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥600	67.8	79.2	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥500	68.3	79.7	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥400	68.7	80.1	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥300	69.0	80.4	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥200	69.0	80.4	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥100	69.0	80.4	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥0	69.0	80.4	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
 DREF, TAC
 A. PATHE & S. VICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: MONTEREY FAA CA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

21-2-2302
 HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	38.2	49.1	49.9	49.9	57.1	57.1	50.1	50.1	57.1	50.1	57.1	50.1	57.1	50.1	50.1	57.1
≥ 20000	39.2	50.4	51.3	1.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	39.2	50.4	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	39.2	50.4	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 10000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	40.2	51.2	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 5000	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4500	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4000	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 3500	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 3000	41.1	52.9	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 2500	42.5	55.6	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2000	42.5	55.6	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	45.3	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1500	45.3	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1200	46.2	67.6	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1000	46.2	67.6	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 900	49.9	76.3	79.7	79.8	81.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 800	49.9	76.3	79.7	79.8	81.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	49.9	76.3	79.7	79.8	81.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	49.9	76.3	79.7	79.8	81.0	81.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 500	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 0	57.4	84.7	92.4	92.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS: 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2005 MONTEPEY FAA CT

73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	41.4	51.0	52.4	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥20000	43.5	54.0	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥18000	43.5	54.0	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥16000	43.5	54.0	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥14000	44.1	54.9	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
≥12000	44.1	54.9	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
≥10000	44.4	55.6	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥9000	44.7	55.6	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥8000	45.1	55.9	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
≥7000	45.1	56.1	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥6000	45.4	56.4	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥5000	45.9	57.1	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥4500	46.1	57.1	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
≥4000	46.9	58.1	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
≥3500	47.1	58.5	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥3000	47.8	59.5	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
≥2500	48.8	61.4	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9
≥2000	50.3	63.7	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥1800	51.9	64.3	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4
≥1500	52.7	68.4	73.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥1200	54.9	73.3	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0
≥1000	56.7	78.1	81.8	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥900	57.1	79.6	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥800	57.5	81.3	85.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥700	57.6	82.2	88.1	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥600	57.9	83.4	90.1	90.8	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥500	57.9	84.0	91.7	92.6	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥400	57.9	84.3	92.4	93.5	95.0	95.0	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8
≥300	57.9	84.4	92.7	93.9	96.1	96.3	97.1	97.1	97.1	97.1	97.7	97.7	97.7	97.7	97.8	97.8
≥200	57.9	84.4	92.7	94.0	96.3	96.4	97.4	97.4	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4
≥100	57.9	84.4	92.7	94.0	96.3	96.4	97.4	97.4	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4
≥0	57.9	84.4	92.7	94.0	96.3	96.4	97.4	97.4	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 5201

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2000 MONTEREY FAA CA

73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7000-2000
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	24.6	39.1	43.7	41.9	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	25.4	39.7	41.5	41.7	42.7	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	25.4	39.7	41.5	41.7	42.7	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 16000	25.4	39.7	41.5	41.7	42.7	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 14000	25.4	39.7	41.5	41.7	42.7	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 12000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 10000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 7000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 5000	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4500	25.6	39.9	41.7	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 4000	26.4	40.7	42.4	42.6	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 3500	25.6	41.3	43.1	43.2	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 3000	27.1	41.6	43.6	43.7	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 2500	27.8	42.6	44.4	44.5	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2000	29.9	45.8	47.5	47.7	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 1800	29.9	46.3	48.1	48.2	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 1500	31.5	49.6	51.4	51.5	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 1200	33.2	52.9	55.1	55.2	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 1000	35.3	59.1	61.7	62.3	62.8	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 900	35.9	61.7	64.7	65.3	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	36.9	65.3	68.8	69.6	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 700	37.0	67.9	71.5	72.3	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 600	37.5	69.5	75.4	76.5	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 500	37.7	72.7	81.6	83.8	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 400	37.8	73.4	84.1	87.6	89.3	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 300	37.8	74.4	86.1	90.1	93.0	93.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	37.8	74.4	86.1	91.1	93.2	93.5	96.0	96.3	96.3	96.3	97.3	97.5	97.5	97.8	97.8	97.8
≥ 100	37.8	74.4	86.1	91.1	93.2	93.5	96.0	96.3	96.3	96.3	97.3	97.5	97.5	97.8	97.8	97.8
≥ 0	37.8	74.4	86.1	90.1	93.2	93.5	96.0	96.3	96.3	96.3	97.6	97.9	97.9	98.6	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 MONTEREY FAA CA

73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3320-7500
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	21.5	33.1	33.1	33.2	33.5	33.5	33.5	33.5	33.5	33.8	33.8	33.8	34.1	34.1	34.1	34.1
≥ 20000	2.3	34.3	34.3	34.4	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.4	35.4	35.4	35.4
≥ 18000	2.8	34.3	34.3	34.4	34.6	34.6	34.8	34.8	34.8	35.1	35.1	35.1	35.4	35.4	35.4	35.4
≥ 16000	2.3	34.3	34.3	34.4	34.6	34.6	34.8	34.8	34.8	35.1	35.1	35.1	35.4	35.4	35.4	35.4
≥ 14000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 12000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 10000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 9000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 8000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 7000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 6000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 5000	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 4500	23.1	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.7	35.7	35.7	35.7
≥ 4000	24.4	36.7	36.7	36.2	36.5	36.5	36.5	36.5	36.5	36.8	36.8	36.8	37.2	37.2	37.2	37.2
≥ 3500	24.4	36.5	36.5	36.7	37.0	37.0	37.0	37.0	37.0	37.3	37.3	37.3	37.6	37.6	37.6	37.6
≥ 3000	25.1	37.2	37.2	37.3	37.6	37.6	37.6	37.6	37.6	38.0	38.0	38.0	38.3	38.3	38.3	38.3
≥ 2500	26.3	38.6	38.6	38.8	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.4	39.7	39.7	39.7	39.7
≥ 2000	27.8	41.3	41.3	41.5	41.8	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.4	42.4	42.4	42.4
≥ 1800	27.8	41.6	41.6	41.8	42.1	42.1	42.1	42.1	42.1	42.4	42.4	42.4	42.7	42.7	42.7	42.7
≥ 1500	30.0	46.7	46.7	47.0	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	48.0	48.0	48.0	48.0
≥ 1200	31.4	50.2	50.4	50.6	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.5	51.5	51.5	51.5
≥ 1000	34.1	57.6	58.1	58.2	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	59.2	59.2	59.2	59.2
≥ 900	34.1	59.2	60.1	60.3	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.6	61.6	61.7	61.7
≥ 800	35.9	62.8	64.9	65.6	66.3	66.3	66.3	66.3	66.3	66.7	66.7	66.7	67.0	67.0	67.1	67.1
≥ 700	35.9	65.6	67.8	68.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	70.0	70.0	70.2	70.2
≥ 600	35.9	66.2	69.4	70.0	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.7	72.7	72.9	72.9
≥ 500	36.2	69.1	76.2	77.8	80.9	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.5	81.5	81.7	81.7
≥ 400	36.2	69.7	78.3	82.1	86.1	86.1	86.1	86.1	86.1	86.8	86.8	86.8	87.1	87.1	87.9	87.9
≥ 300	36.2	70.0	79.7	83.9	90.6	90.6	90.6	90.6	90.6	91.4	91.4	91.4	91.7	91.7	93.0	93.0
≥ 200	36.2	70.0	79.7	83.9	90.6	90.6	90.6	90.6	90.6	91.4	91.4	91.4	91.7	91.7	93.0	93.0
≥ 100	36.2	70.0	79.7	83.9	90.6	90.6	90.6	90.6	90.6	91.4	91.4	91.4	91.7	91.7	93.0	93.0
≥ 0	36.2	70.0	79.7	83.9	90.6	90.6	90.6	90.6	90.6	91.4	91.4	91.4	91.7	91.7	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
07249

STATION NAME
MONTEREY FAA CA

YEARS
73-79

MONTH
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS
365-367

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	24.6	32.3	33.2	33.4	34.2	34.2	34.2	34.2	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	26.4	34.0	35.0	35.3	36.1	36.1	36.1	36.1	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4
≥ 18000	26.6	34.2	35.1	35.5	36.2	36.2	36.2	36.2	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6
≥ 16000	26.6	34.2	35.1	35.5	36.2	36.2	36.2	36.2	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6
≥ 14000	26.6	34.2	35.3	35.6	36.4	36.4	36.4	36.4	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7
≥ 12000	26.6	34.2	35.3	35.6	36.4	36.4	36.4	36.4	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7
≥ 10000	27.2	35.0	35.1	36.4	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 9000	27.2	35.0	36.1	36.4	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 8000	27.2	35.0	36.1	36.4	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 7000	27.2	35.0	36.1	36.4	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 6000	27.2	35.0	36.1	36.4	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 5000	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 4500	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 4000	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 3500	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 3000	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 2500	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 2000	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1800	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1500	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1200	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1000	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 900	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 800	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 700	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 600	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 500	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 400	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 300	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 200	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 100	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 0	27.2	35.0	36.1	36.4	37.2	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEPEL FAA CA

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1973-1979
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	41.7	52.2	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	42.9	53.5	54.1	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	43.0	53.7	54.3	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	43.0	53.7	54.3	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	43.5	54.3	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	44.0	55.1	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	44.3	55.4	56.2	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	44.3	55.4	56.2	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	44.8	55.9	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	44.8	55.9	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	44.8	55.9	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	45.1	56.3	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4500	45.1	56.3	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4000	45.1	56.5	57.3	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	45.2	56.7	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3000	46.5	58.1	58.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 2500	48.3	61.0	61.7	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 2000	49.5	61.4	62.5	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800	50.0	61.9	63.0	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 1500	51.1	64.6	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1200	54.3	69.0	70.2	71.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	58.1	75.9	78.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	58.7	78.3	81.3	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 800	58.7	79.7	84.6	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	58.7	81.3	85.7	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 600	58.9	81.8	88.9	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	58.9	81.8	89.5	93.7	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	58.9	81.1	90.2	94.4	97.0	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	58.9	81.1	91.3	94.6	97.1	97.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	58.9	81.1	90.3	94.6	97.1	97.6	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.9	81.1	90.3	94.6	97.1	97.6	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.9	81.1	90.3	94.6	97.1	97.6	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEPEY FAA CA

73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	62.6	73.2	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	65.2	76.2	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	65.2	76.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	65.2	76.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	65.2	76.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	65.2	76.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	65.2	76.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	66.3	77.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	67.4	78.7	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	68.5	79.6	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	69.6	80.7	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	70.7	81.8	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	71.8	82.9	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	72.9	84.0	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	74.0	85.1	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 600	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 500	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 400	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 300	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 200	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 100	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 0	75.1	86.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9

TOTAL NUMBER OF OBSERVATIONS 626

SEVERAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEPEY FAA CA

75-70

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5 16	≥.	≥0
NO CEILING	65.7	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	69.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	69.1	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	69.1	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	69.4	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	70.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	71.1	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	71.1	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	71.1	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	71.3	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 6000	71.3	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	71.5	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4500	71.5	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	72.1	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 3500	72.4	79.7	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3000	72.5	79.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2500	73.7	81.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 2000	74.6	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1800	74.6	82.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 1500	76.2	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	78.1	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	87.2	92.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	87.4	92.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	81.7	94.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	81.7	95.2	97.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	81.7	95.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	81.7	96.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 2-2-73
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	52.7	57.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	56.2	62.2	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	56.3	62.4	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	56.3	62.4	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	56.3	62.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	56.8	62.9	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	57.6	63.7	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	57.6	63.7	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	57.6	63.7	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	57.6	63.7	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	57.9	64.1	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	58.2	64.1	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	58.4	64.1	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	58.6	64.6	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	59.1	65.1	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3000	59.4	65.4	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2500	60.1	66.3	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2000	61.1	67.1	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1800	61.1	67.1	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1500	62.9	69.4	71.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	64.9	71.9	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1000	69.7	79.7	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	69.7	80.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	71.3	83.7	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 700	72.4	87.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	73.0	88.4	92.1	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	73.2	89.2	94.4	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	73.2	89.4	94.9	96.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	73.2	89.5	95.2	97.1	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	73.2	89.5	95.2	97.1	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	73.2	89.5	95.2	97.1	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	73.2	89.5	95.2	97.1	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 670

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.7	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.8	47.8	49.2	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	38.6	49.5	51.4	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	38.7	49.7	51.4	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	38.7	49.7	51.4	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	39.7	50.1	51.7	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	39.7	50.3	52.1	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	39.7	50.6	52.4	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	39.7	50.6	52.4	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	39.7	50.6	52.4	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	39.7	50.6	52.4	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	39.8	50.8	52.5	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000	39.8	50.8	52.5	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500	39.8	50.8	52.5	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4000	39.8	51.3	53.7	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 3500	39.8	51.7	53.5	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 3000	40.1	52.1	53.8	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 2500	41.3	52.5	54.3	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 2000	41.3	54.4	55.2	55.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1800	41.3	54.4	55.2	55.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1500	43.1	56.7	58.4	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1200	45.9	51.4	63.2	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1000	49.2	58.9	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 900	46.2	70.2	72.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 800	46.3	73.5	76.2	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 700	51.3	77.1	79.8	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 600	52.1	79.8	85.2	85.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 500	52.2	81.9	88.9	89.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 400	52.2	82.2	91.4	93.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	52.2	82.4	91.7	94.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	52.2	82.4	91.7	94.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 100	52.2	82.4	91.7	94.3	98.4	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 0	52.2	82.4	91.7	94.3	98.4	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 630

USAF CLIMATOLOGY BRANCH
ETAC
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	11.4	50.9	51.9	52.1	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	43.3	53.2	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.1
≥ 18000	43.4	53.3	54.4	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	43.4	53.3	54.4	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.1	55.1	55.1
≥ 14000	43.7	53.6	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	43.9	53.9	55.1	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
≥ 10000	44.4	54.4	55.5	55.8	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	44.4	54.4	55.5	55.8	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	44.4	54.5	55.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3
≥ 7000	44.4	54.5	55.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	44.5	54.5	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
≥ 5000	44.6	54.5	55.8	56.1	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	44.6	54.6	55.8	56.1	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000	45.1	55.3	56.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	45.2	55.6	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3000	45.3	56.3	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 2500	46.6	57.2	58.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2000	48.2	59.3	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4
≥ 1800	48.3	59.6	60.8	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 1500	50.3	62.9	64.2	64.5	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 1200	52.4	66.3	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1000	55.1	72.6	74.3	74.8	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 900	55.1	74.1	76.3	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 800	56.2	76.3	79.7	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 700	56.6	78.6	82.1	83.2	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 600	56.9	79.8	84.4	86.1	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	57.1	81.1	87.7	89.9	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 400	57.1	81.4	88.9	91.8	94.1	94.2	94.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	57.3	81.6	89.4	92.6	95.7	95.9	97.1	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.9	97.9
≥ 200	57.1	81.6	89.4	92.6	95.8	96.1	97.5	97.8	97.8	98.3	98.6	98.6	98.8	98.8	98.8	98.8
≥ 100	57.1	81.6	89.4	92.6	95.8	96.1	97.5	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.4	99.4
≥ 0	57.1	81.6	89.4	92.6	95.8	96.1	97.5	97.8	97.8	98.5	98.8	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 528

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: MONTEPEY FAA CA

73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-1981
MONTHS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥.05	≥0
NO CEILING	22.1	31.8	32.9	33.2	33.9	33.9	34.3	34.3	34.3	34.3	34.4	34.4	34.7	34.7	34.7	34.7
≥ 20000	22.5	32.4	33.5	33.8	34.6	34.6	34.9	34.9	34.9	34.9	35.7	35.7	35.3	35.3	35.3	35.3
≥ 18000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 16000	23.0	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 14000	23.0	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 12000	23.0	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 10000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 9000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 8000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 7000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 6000	23.1	32.9	33.9	34.3	35.0	35.0	35.3	35.3	35.3	35.3	35.5	35.5	35.8	35.8	35.8	35.8
≥ 5000	23.2	33.1	34.1	34.4	35.2	35.2	35.5	35.5	35.5	35.5	35.6	35.6	35.9	35.9	35.9	35.9
≥ 4500	23.2	33.1	34.1	34.4	35.2	35.2	35.5	35.5	35.5	35.5	35.6	35.6	35.9	35.9	35.9	35.9
≥ 4000	23.2	33.1	34.1	34.4	35.2	35.2	35.5	35.5	35.5	35.5	35.6	35.6	35.9	35.9	35.9	35.9
≥ 3500	23.3	33.5	34.5	34.9	35.6	35.6	35.9	35.9	35.9	35.9	36.1	36.1	36.4	36.4	36.4	36.4
≥ 3000	23.5	33.8	34.9	35.2	35.9	35.9	36.3	36.3	36.3	36.3	36.4	36.4	36.7	36.7	36.7	36.7
≥ 2500	23.5	33.8	34.9	35.2	35.9	35.9	36.3	36.3	36.3	36.3	36.4	36.4	36.7	36.7	36.7	36.7
≥ 2000	23.7	33.9	35.7	35.2	36.1	36.1	36.4	36.4	36.4	36.4	36.6	36.6	36.9	36.9	36.9	36.9
≥ 1800	23.7	33.9	35.7	35.3	36.1	36.1	36.4	36.4	36.4	36.4	36.6	36.6	36.9	36.9	36.9	36.9
≥ 1500	24.6	37.3	38.4	38.7	39.5	39.5	39.8	39.8	39.8	39.8	39.9	39.9	40.2	40.2	40.2	40.2
≥ 1200	25.1	38.2	39.9	41.2	41.8	41.8	41.3	41.3	41.3	41.3	41.5	41.5	41.8	41.8	41.8	41.8
≥ 1000	26.7	43.6	46.2	46.9	47.6	47.6	47.9	47.9	47.9	47.9	48.1	48.1	48.4	48.4	48.4	48.4
≥ 900	26.7	45.0	47.6	48.2	49.7	49.7	49.3	49.3	49.3	49.3	49.5	49.5	49.8	49.8	49.8	49.8
≥ 800	27.3	48.8	52.1	52.7	53.5	53.5	53.8	53.8	53.8	53.8	53.9	53.9	54.2	54.2	54.2	54.4
≥ 700	27.5	51.5	54.8	55.8	56.4	56.4	56.7	56.7	56.7	56.7	56.8	56.8	57.1	57.1	57.1	57.3
≥ 600	27.5	53.1	59.3	60.8	61.9	61.9	62.2	62.2	62.2	62.2	62.4	62.4	62.7	62.7	62.7	62.8
≥ 500	27.5	55.5	64.7	67.0	69.3	69.3	69.9	69.9	69.9	69.9	70.0	70.2	70.5	70.5	70.5	70.7
≥ 400	27.6	55.1	66.8	70.7	74.5	74.5	75.6	75.6	75.6	75.6	75.7	75.9	75.9	76.2	76.2	76.3
≥ 300	27.5	57.9	71.2	74.7	83.7	83.9	87.1	87.4	87.4	87.4	88.3	88.3	88.6	88.6	88.6	88.8
≥ 200	27.5	57.9	70.2	74.7	84.2	84.3	88.2	88.6	88.6	88.6	90.7	91.5	91.6	92.3	92.3	92.9
≥ 100	27.5	57.9	70.2	74.7	84.6	84.8	88.8	89.7	89.7	89.7	91.2	93.7	93.7	96.9	96.9	98.5
≥ 0	27.5	57.9	70.2	74.7	84.6	84.8	88.8	89.7	89.7	89.7	91.2	93.7	93.7	96.9	96.9	98.5

TOTAL NUMBER OF OBSERVATIONS 551

GLOBAL CLIMATOLOGY BRANCH
ETAC
AL WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

2.007 MONTEREY FAA CA

75-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

303-551
OBS 13

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22.5	22	21.5	21	20	19	18	17	16	15	20
CEILING	16.4	21.2	21.4	21.4	22.0	22.0	22.3	22.3	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 20000	16.4	21.2	21.4	21.4	22.0	22.0	22.3	22.3	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 18000	16.9	21.7	21.6	21.6	22.4	22.4	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 16000	16.3	21.7	21.5	21.5	22.4	22.4	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 14000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 12000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 10000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 9000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 8000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 7000	16.9	22.1	22.3	22.3	22.9	22.9	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 6000	16.9	22.1	22.3	22.3	23.0	23.0	23.3	23.3	23.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 5000	17.1	22.3	22.4	22.6	23.2	23.2	23.5	23.5	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 4500	17.2	22.3	22.4	22.6	23.2	23.2	23.5	23.5	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 4000	17.3	22.4	22.6	22.7	23.3	23.3	23.7	23.7	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3500	17.4	22.4	23.0	23.2	23.8	23.8	24.1	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 3000	17.4	23.0	23.2	23.3	24.0	24.0	24.3	24.3	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 2500	17.7	23.3	23.5	23.7	24.3	24.3	24.6	24.6	24.6	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 2000	18.1	23.7	23.8	24.0	24.6	24.6	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 1800	18.1	23.7	23.8	24.0	24.6	24.6	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 1500	18.6	26.1	26.1	26.3	26.9	26.9	27.2	27.2	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 1200	19.3	28.0	28.9	29.0	29.6	29.6	30.0	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1000	20.9	32.4	34.3	34.6	35.2	35.2	35.5	35.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 900	21.3	35.3	37.5	37.8	38.4	38.4	38.7	38.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 800	22.4	39.2	41.5	41.8	42.5	42.5	42.9	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 700	22.9	40.9	43.9	44.2	45.2	45.2	45.5	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 600	22.9	43.2	49.6	50.5	51.9	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 500	22.9	44.9	53.9	55.9	58.4	58.4	59.0	59.0	59.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 400	22.9	45.3	57.1	60.1	63.3	63.3	64.1	64.2	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 300	22.9	46.2	59.6	63.1	71.0	71.1	75.1	76.3	76.3	78.2	78.6	78.6	78.6	78.6	78.6	78.6
≥ 200	22.9	46.2	60.1	63.6	71.9	72.7	78.2	80.3	80.3	83.9	85.3	85.3	86.6	86.6	86.6	86.6
≥ 100	22.9	46.2	63.1	63.6	72.4	72.5	78.6	81.6	81.6	85.6	87.6	87.6	92.9	92.9	95.2	96.2
≥ 0	22.9	46.2	67.1	63.6	72.4	72.5	78.6	81.6	81.6	85.6	87.6	87.6	92.9	92.9	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 551

CLIMATOLOGY BRANCH
USAF ETAC
AL WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

27233 MONTPELIER FAA CA

75-75

JUL

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16.7-72.00
HOURS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	15.5	19.7	21.5	21.5	21.2	21.2	21.7	21.8	21.8	22.2	22.3	22.3	22.5	22.5	22.5	22.8
≥ 20000	15.5	19.7	21.5	21.5	21.2	21.2	21.7	21.8	21.8	22.2	22.3	22.3	22.5	22.5	22.5	22.9
≥ 18000	16.6	19.6	21.6	21.6	21.5	21.5	22.2	22.2	22.2	22.5	22.5	22.6	22.8	22.8	22.8	23.1
≥ 16000	16.6	19.6	21.6	21.6	21.5	21.5	22.2	22.2	22.2	22.5	22.5	22.6	22.8	22.8	22.8	23.1
≥ 14000	16.6	20.0	21.6	21.6	21.7	21.7	22.2	22.3	22.3	22.6	22.6	22.8	22.9	22.9	22.9	23.2
≥ 12000	16.6	20.2	21.6	21.6	21.8	21.8	22.3	22.5	22.5	22.8	22.8	22.9	22.9	23.1	23.1	23.4
≥ 10000	16.6	20.3	21.6	21.6	22.0	22.0	22.5	22.6	22.6	22.9	23.1	23.1	23.2	23.2	23.2	23.5
≥ 9000	16.6	20.3	21.6	21.6	22.0	22.0	22.5	22.6	22.6	22.9	23.1	23.1	23.2	23.2	23.2	23.5
≥ 8000	17.1	20.6	21.6	21.6	22.3	22.3	22.8	22.9	22.9	23.2	23.4	23.4	23.5	23.5	23.5	23.8
≥ 7000	17.1	20.6	21.6	21.6	22.3	22.3	22.8	22.9	22.9	23.2	23.4	23.4	23.5	23.5	23.5	23.8
≥ 6000	17.1	20.6	21.6	21.6	22.5	22.5	22.9	23.1	23.1	23.4	23.5	23.5	23.7	23.7	23.7	24.0
≥ 5000	17.1	20.6	21.6	21.6	22.5	22.5	22.9	23.1	23.1	23.4	23.5	23.5	23.7	23.7	23.7	24.0
≥ 4500	17.2	21.6	21.6	21.6	22.6	22.6	23.1	23.2	23.2	23.5	23.7	23.7	23.8	23.8	23.8	24.2
≥ 4000	17.3	21.1	21.6	21.6	22.9	22.9	23.4	23.5	23.5	23.8	24.0	24.0	24.2	24.2	24.2	24.5
≥ 3500	17.3	21.1	21.6	21.6	22.9	22.9	23.4	23.5	23.5	23.8	24.0	24.0	24.2	24.2	24.2	24.5
≥ 3000	17.3	21.1	21.6	21.6	22.9	22.9	23.4	23.5	23.5	23.8	24.0	24.0	24.2	24.2	24.2	24.5
≥ 2500	19.5	22.0	22.8	22.8	23.8	23.8	24.3	24.5	24.5	24.8	24.9	24.9	25.1	25.1	25.1	25.4
≥ 2000	19.5	22.6	23.4	23.4	24.5	24.5	24.9	25.1	25.1	25.4	25.5	25.5	25.7	25.7	25.7	26.0
≥ 1800	19.5	22.9	23.7	23.7	24.8	24.8	25.2	25.4	25.4	25.7	25.8	25.8	26.0	26.0	26.0	26.3
≥ 1500	19.5	24.6	25.4	25.4	26.5	26.5	26.9	27.1	27.1	27.4	27.5	27.5	27.7	27.7	27.7	28.0
≥ 1200	22.2	27.7	28.5	28.5	29.5	29.5	30.3	30.2	30.2	30.5	30.6	30.6	30.8	30.8	30.8	31.1
≥ 1000	23.5	30.2	31.2	31.2	32.3	32.3	32.8	32.9	32.9	33.4	33.5	33.5	33.7	33.7	33.7	34.0
≥ 900	23.8	32.5	34.0	34.0	35.1	35.1	35.5	35.7	35.7	36.2	36.3	36.3	36.5	36.5	36.5	36.8
≥ 800	24.2	34.5	37.7	37.7	39.2	39.2	39.4	39.8	39.8	40.5	40.5	40.5	40.6	40.6	40.6	41.1
≥ 700	24.9	35.8	41.4	41.4	43.7	43.7	44.5	44.6	44.6	45.1	45.2	45.2	45.4	45.4	45.4	45.7
≥ 600	24.9	37.8	45.7	45.7	50.5	50.5	51.5	51.7	51.7	52.2	52.3	52.3	52.5	52.5	52.5	52.8
≥ 500	25.1	38.5	48.8	48.8	53.1	53.1	54.8	54.8	54.8	55.3	55.3	55.3	55.5	55.5	55.5	55.8
≥ 400	25.1	38.6	51.9	51.9	56.0	56.0	57.1	57.1	57.1	57.7	57.7	57.7	58.0	58.0	58.0	58.3
≥ 300	25.1	38.8	51.7	51.7	57.5	57.5	58.2	58.2	58.2	58.6	58.6	58.6	58.8	58.8	58.8	59.1
≥ 200	25.1	38.3	51.7	51.7	57.3	57.3	58.5	58.5	58.5	59.1	59.1	59.1	59.2	59.2	59.2	59.5
≥ 100	25.1	38.3	51.7	51.7	57.3	57.3	58.5	58.5	58.5	59.1	59.1	59.1	59.2	59.2	59.2	59.5
≥ 0	25.1	38.8	51.7	51.7	57.3	57.3	58.5	58.5	58.5	59.1	59.1	59.1	59.2	59.2	59.2	59.5

TOTAL NUMBER OF OBSERVATIONS 553

GLOBAL CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24252
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	34.8	45.8	48.5	48.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	35.9	47.1	49.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	35.9	47.1	49.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	35.9	47.0	49.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	36.4	47.3	50.1	50.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	36.4	47.6	50.4	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 10000	36.4	47.6	50.4	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 9000	36.4	47.6	50.4	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 8000	36.5	47.9	50.7	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	36.5	47.9	50.7	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	36.5	47.9	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 5000	36.5	47.9	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	36.5	47.9	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4000	36.5	47.9	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3500	36.5	47.9	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3000	36.5	48.2	51.2	51.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2500	37.6	49.1	51.9	52.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 2000	38.4	49.8	52.7	53.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1800	38.5	49.9	52.9	53.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 1500	40.8	52.4	55.3	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1200	42.5	55.1	58.1	58.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 1000	44.8	61.2	64.9	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 900	45.3	63.0	67.3	68.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 800	45.3	64.7	70.9	72.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 700	45.3	66.4	74.9	76.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 600	46.1	67.3	77.7	80.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 500	46.4	68.1	79.7	83.4	87.5	87.5	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 400	46.4	68.3	80.4	84.3	90.1	90.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 300	46.4	68.3	80.6	85.1	92.0	92.0	94.3	95.4	95.4	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	46.4	68.3	80.6	85.2	92.1	92.3	95.2	96.6	96.8	98.5	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	46.4	68.3	80.6	85.2	92.1	92.3	95.2	96.6	96.9	98.8	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	46.4	68.3	80.6	85.2	92.1	92.3	95.2	96.6	96.9	98.8	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

25249
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	66.7	76.9	78.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	68.7	78.9	80.7	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	69.3	79.2	80.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	69.5	79.2	80.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	69.6	79.2	80.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	69.6	79.8	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	69.6	79.8	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	69.6	79.8	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	69.6	79.8	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	69.6	79.8	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	69.8	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	69.8	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	69.8	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	69.8	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	70.0	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	70.0	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	70.0	80.0	81.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	71.3	81.3	83.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	71.3	81.3	83.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	72.7	83.2	84.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	75.3	86.3	87.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	77.7	91.1	92.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	78.0	92.0	94.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	78.7	92.8	95.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	79.4	94.0	96.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	79.2	94.1	96.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	79.2	94.3	97.1	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	79.2	94.3	97.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	79.2	94.3	97.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	79.2	94.3	97.1	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	79.2	94.3	97.1	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	79.2	94.3	97.1	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

649

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1530-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	69.4	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 20000	71.7	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	71.7	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	71.9	81.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	72.0	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	72.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	73.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	73.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	73.1	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	73.1	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	73.1	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	73.6	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	73.6	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	73.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	73.9	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	74.0	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	74.7	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	74.8	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	74.8	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	75.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	78.1	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000	81.3	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	81.4	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	82.8	95.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	83.1	96.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	83.4	96.5	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	83.4	96.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	83.4	96.8	98.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	83.4	96.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.4	96.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.4	96.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.4	96.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27219
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1806-2000
HOURS EST

CEILING FEET	VISIBILITY - STATUTE MILES -															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½	≥0
NO CEILING	43.7	51.6	53.6	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	45.7	52.8	54.8	55.3	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	45.2	53.1	55.1	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	45.2	53.0	55.3	55.8	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	46.1	54.2	56.5	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	46.1	54.2	56.5	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	46.5	54.8	57.1	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	46.5	54.8	57.1	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	46.5	54.8	57.1	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	46.5	54.8	57.1	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	46.5	54.8	57.1	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	46.7	55.1	57.6	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	46.7	55.1	57.6	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	47.2	55.5	58.2	58.5	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	47.3	55.6	58.2	59.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3000	47.5	55.8	58.4	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2500	47.9	56.2	58.8	59.4	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2000	48.1	56.4	59.0	59.6	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1800	48.1	56.4	59.0	59.6	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1500	49.3	57.8	60.4	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 1200	50.7	59.9	62.5	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 1000	55.1	65.3	68.7	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 900	55.9	67.4	71.0	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 800	57.8	70.8	75.3	75.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 700	58.4	73.0	77.9	79.0	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	59.3	75.7	82.3	84.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 500	60.1	77.6	85.4	87.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 400	60.1	78.3	87.6	90.6	93.4	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	60.1	78.3	88.1	91.1	94.9	95.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	60.1	78.3	88.1	91.1	95.2	95.4	97.1	97.5	97.5	98.3	98.3	98.3	98.5	98.5	98.5	98.6
≥ 100	60.1	78.3	88.1	91.1	95.2	95.4	97.1	97.7	97.7	98.5	98.8	98.8	99.2	99.2	99.8	99.8
≥ 0	60.1	78.3	88.1	91.1	95.2	95.4	97.1	97.7	97.7	98.5	98.8	98.8	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 551

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23250
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	39.6	39.6	41.5	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥20000	39.6	41.1	41.9	42.1	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥18000	39.6	40.2	42.1	42.2	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥16000	39.6	40.2	42.1	42.2	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥14000	39.6	40.6	42.4	42.5	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥12000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥10000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥9000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥8000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥7000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥6000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥5000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥4500	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥4000	31.0	40.9	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥3500	31.0	41.3	43.2	43.3	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥3000	31.0	41.6	43.5	43.6	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥2500	31.0	41.6	43.5	43.6	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥2000	32.7	41.8	43.6	43.8	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥1800	32.7	41.8	43.6	43.8	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥1500	32.7	43.2	45.1	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥1200	33.0	44.7	46.7	46.9	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥1000	35.9	50.1	52.5	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥900	36.3	53.9	56.7	56.8	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥800	37.5	56.8	60.2	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥700	38.1	60.2	63.9	64.2	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥600	39.2	63.7	69.3	70.2	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥500	40.1	65.6	73.6	75.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥400	40.1	66.4	76.3	79.7	83.4	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥300	40.1	66.8	77.6	81.9	89.6	89.9	93.1	93.4	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥200	40.1	66.8	77.6	81.9	89.7	90.2	94.9	95.5	95.5	97.2	97.8	97.8	97.8	97.8	97.8	97.8
≥100	40.1	66.8	77.6	81.9	89.9	90.3	95.1	95.9	95.9	98.5	99.1	99.1	99.4	99.4	99.8	100.0
≥0	40.1	66.8	77.5	81.9	89.9	90.3	95.1	95.9	95.9	98.5	99.1	99.1	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FOR JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20079 MONTEREY FAA CA

73-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1251

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.5	45.5	46.5	47.1	47.5	47.6	47.8	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0
≥ 20000	38.4	45.5	47.8	48.1	48.7	48.7	48.6	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
≥ 18000	38.4	45.5	48.1	48.4	48.9	48.9	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.3
≥ 16000	38.6	46.8	48.1	48.4	48.9	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3
≥ 14000	38.8	47.1	48.4	48.7	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3
≥ 12000	39.1	47.3	48.6	49.0	49.5	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9
≥ 10000	39.2	47.5	48.8	49.1	49.7	49.7	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.1
≥ 9000	39.2	47.5	48.8	49.1	49.7	49.7	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.1
≥ 8000	39.2	47.6	48.9	49.2	49.8	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.2
≥ 7000	39.2	47.6	48.9	49.2	49.8	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.2
≥ 6000	39.2	47.6	49.0	49.3	49.9	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3
≥ 5000	39.4	47.7	49.1	49.5	50.0	50.0	50.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4
≥ 4500	39.4	47.7	49.1	49.5	50.0	50.0	50.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4
≥ 4000	39.5	47.9	49.3	49.6	50.2	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6
≥ 3500	39.7	48.1	49.5	49.9	50.4	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8
≥ 3000	39.8	48.3	49.7	50.1	50.6	50.7	50.8	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2500	40.1	48.8	50.2	50.6	51.1	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5
≥ 2000	40.6	49.2	50.6	51.0	51.5	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9
≥ 1800	40.7	49.3	50.6	51.0	51.6	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0
≥ 1500	41.8	51.2	52.5	52.9	53.5	53.5	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9
≥ 1200	43.3	53.5	55.1	55.4	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 1000	45.7	58.4	60.6	61.0	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0
≥ 900	46.1	60.3	62.8	63.3	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 800	47.1	62.8	66.2	66.7	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
≥ 700	47.4	64.7	68.9	69.7	70.7	70.7	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 600	47.8	66.4	72.4	73.9	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 500	48.1	67.6	75.2	77.5	79.9	79.9	80.4	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 400	48.1	68.0	76.9	79.9	83.5	83.6	84.4	84.5	84.5	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 300	48.1	68.4	78.0	81.5	87.4	87.5	90.1	90.8	90.8	91.7	91.9	91.9	92.1	92.1	92.1	92.1
≥ 200	48.1	68.4	78.0	81.5	87.7	87.9	91.2	92.3	92.3	94.1	95.1	95.1	95.7	95.7	95.9	95.9
≥ 100	48.1	68.4	78.0	81.5	87.8	88.0	91.4	92.6	92.7	94.7	96.1	96.1	97.6	97.6	98.6	99.1
≥ 0	48.1	68.4	78.0	81.5	87.8	88.0	91.4	92.6	92.7	94.7	96.1	96.1	97.6	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

5203

GLOBAL CLIMATOLOGY BRANCH
CCAFETAC
A - WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2/2/79
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-0200
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	19.4	30.2	30.8	30.9	31.1	31.1	31.1	31.1	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4
≥ 20000	19.7	30.6	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000	19.7	30.6	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000	19.7	30.6	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	19.7	30.6	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 12000	19.7	30.6	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 10000	19.7	30.6	31.5	31.7	31.8	31.8	31.8	31.8	31.8	32.0	32.2	32.2	32.2	32.2	32.2	32.2
≥ 9000	19.7	30.6	31.5	31.7	31.8	31.8	31.8	31.8	31.8	32.0	32.2	32.2	32.2	32.2	32.2	32.2
≥ 8000	19.7	30.9	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 7000	19.7	30.9	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	19.7	30.9	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	20.2	31.4	32.2	32.3	32.5	32.5	32.5	32.5	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8
≥ 4500	20.2	31.4	32.2	32.3	32.5	32.5	32.5	32.5	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8
≥ 4000	20.2	31.4	32.2	32.3	32.5	32.5	32.5	32.5	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8
≥ 3500	20.2	31.4	32.2	32.3	32.5	32.5	32.5	32.5	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8
≥ 3000	20.6	31.8	32.6	32.8	32.9	32.9	32.9	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 2500	21.8	33.1	33.6	34.0	34.2	34.2	34.2	34.2	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5
≥ 2000	22.2	33.6	34.6	34.8	34.9	34.9	34.9	34.9	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1800	22.3	34.1	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.2	35.4	35.4	35.4	35.4	35.4	35.4
≥ 1500	23.1	35.1	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5
≥ 1200	23.1	36.2	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 1000	24.8	42.5	43.8	44.0	44.3	44.3	44.3	44.3	44.3	44.5	44.6	44.6	44.6	44.6	44.6	44.6
≥ 900	25.2	43.5	45.2	45.4	45.7	45.7	45.7	45.7	45.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0
≥ 800	27.1	46.9	51.1	51.2	51.7	51.7	51.8	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2
≥ 700	28.3	52.2	55.5	55.8	56.3	56.3	56.5	56.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8
≥ 600	28.8	56.6	61.4	62.0	62.5	62.5	62.6	62.6	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥ 500	29.2	59.8	66.6	68.0	69.5	69.5	70.2	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5
≥ 400	29.2	59.8	69.2	71.7	74.9	74.9	76.0	76.0	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5
≥ 300	29.4	61.4	70.0	72.6	78.0	78.2	82.3	83.2	83.2	83.7	84.2	84.2	84.3	84.3	84.3	84.3
≥ 200	29.4	61.4	70.0	72.6	78.5	78.6	84.9	86.6	86.6	89.4	90.8	90.8	91.2	91.2	91.7	91.7
≥ 100	29.4	61.4	70.0	72.6	78.5	78.6	85.5	87.4	87.4	91.8	93.8	93.8	95.8	95.8	96.9	97.2
≥ 0	29.4	61.4	70.0	72.6	78.5	78.6	85.5	87.4	87.4	91.8	93.8	93.8	96.2	96.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 E 7 MONTEREY FAA CA

73-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	14.3	23.3	21.4	20.4	27.7	20.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 20000	14.6	23.3	21.7	20.7	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000	14.6	23.3	21.7	20.7	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 16000	14.6	23.3	21.7	20.7	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 14000	14.6	23.3	21.7	20.7	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 12000	14.6	23.3	21.7	20.7	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 10000	14.6	23.3	21.2	21.2	21.7	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 9000	14.6	23.3	21.2	21.2	21.7	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	14.6	21.2	21.7	21.7	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 7000	14.6	21.2	21.7	21.7	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 6000	14.6	21.2	21.7	21.7	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 5000	15.1	21.8	22.3	22.3	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 4500	15.1	21.8	22.3	22.3	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 4000	15.1	21.8	22.3	22.3	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 3500	15.1	21.8	22.3	22.3	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 3000	15.7	22.4	22.9	22.9	23.3	23.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 2500	16.9	23.7	24.1	24.1	24.6	24.6	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 2000	17.7	24.9	25.3	25.3	25.8	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 1800	17.7	24.9	25.3	25.3	25.8	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 1500	17.7	26.1	26.6	26.6	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 1200	17.7	27.2	27.6	27.6	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 1000	18.9	33.2	33.7	33.7	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 900	19.0	33.5	34.3	34.3	34.7	34.7	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 800	20.6	39.0	39.9	39.9	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 700	22.1	42.5	44.2	44.2	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 600	22.1	47.2	49.8	50.4	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 500	22.9	51.6	57.5	59.6	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 400	23.2	53.3	60.4	63.4	66.2	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 300	23.2	54.2	62.5	66.4	72.8	73.0	76.3	77.0	77.0	77.7	77.9	77.9	77.9	77.9	77.9	77.9
≥ 200	23.2	54.2	62.7	66.5	74.2	74.5	80.3	81.4	81.4	84.3	84.9	84.9	85.3	85.3	86.2	86.2
≥ 100	23.2	54.2	62.7	66.5	74.2	74.5	81.0	82.0	82.0	86.9	87.9	87.9	89.9	89.9	92.2	92.8
≥ 0	23.2	54.2	62.7	66.5	74.2	74.5	81.0	82.2	82.2	87.3	88.2	88.2	90.8	90.8	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 255 MONTEPEY FAA CA

73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	17.1	19.2	20.3	20.3	27.3	20.3	20.5	20.5	20.5	20.8	21.1	21.1	21.1	21.1	21.1	21.1
≥ 20000	18.2	20.5	21.5	21.5	21.5	21.5	21.7	21.7	21.7	22.0	22.3	22.3	22.3	22.3	22.3	22.3
≥ 18000	18.3	20.6	21.7	21.7	21.7	21.7	21.8	21.8	21.8	22.2	22.5	22.5	22.5	22.5	22.5	22.5
≥ 16000	18.3	20.6	21.7	21.7	21.7	21.7	21.8	21.8	21.8	22.2	22.5	22.5	22.5	22.5	22.5	22.5
≥ 14000	19.1	21.4	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.2
≥ 12000	19.1	21.4	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.2
≥ 10000	19.5	22.0	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.5	23.8	23.8	23.8	23.8	23.8	23.8
≥ 9000	19.5	22.0	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.5	23.8	23.8	23.8	23.8	23.8	23.8
≥ 8000	20.0	22.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	24.0	24.3	24.3	24.3	24.3	24.3	24.3
≥ 7000	20.0	22.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	24.0	24.3	24.3	24.3	24.3	24.3	24.3
≥ 6000	20.0	22.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	24.0	24.3	24.3	24.3	24.3	24.3	24.3
≥ 5000	20.0	22.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	24.0	24.3	24.3	24.3	24.3	24.3	24.3
≥ 4500	20.5	23.1	24.2	24.3	24.3	24.3	24.5	24.5	24.5	24.8	25.1	25.1	25.1	25.1	25.1	25.1
≥ 4000	20.8	23.7	24.9	25.1	25.1	25.1	25.2	25.2	25.2	25.5	25.8	25.8	25.8	25.8	25.8	25.8
≥ 3500	20.8	23.7	24.9	25.1	25.2	25.2	25.4	25.4	25.4	25.7	26.0	26.0	26.0	26.0	26.0	26.0
≥ 3000	21.4	24.6	25.8	26.0	26.3	26.3	26.5	26.5	26.5	26.8	27.1	27.1	27.1	27.1	27.1	27.1
≥ 2500	22.3	25.5	26.8	26.9	27.2	27.2	27.4	27.4	27.4	27.7	28.0	28.0	28.0	28.0	28.0	28.0
≥ 2000	23.4	26.9	28.2	28.3	28.6	28.6	28.8	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4
≥ 1800	23.4	26.9	28.2	28.3	28.6	28.6	28.8	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4
≥ 1500	23.5	28.5	29.7	29.8	30.2	30.2	30.3	30.3	30.3	30.6	30.9	30.9	30.9	30.9	30.9	30.9
≥ 1200	24.9	30.8	32.1	32.2	32.5	32.5	32.6	32.6	32.6	32.9	33.2	33.2	33.2	33.2	33.2	33.2
≥ 1000	26.8	36.2	38.7	38.2	38.5	38.5	38.6	38.6	38.6	38.9	39.2	39.2	39.2	39.2	39.2	39.2
≥ 900	27.1	37.1	39.2	39.4	39.7	39.7	40.0	40.0	40.0	40.3	40.6	40.6	40.6	40.6	40.6	40.6
≥ 800	27.5	39.2	42.7	42.2	42.5	42.5	42.8	42.8	42.8	43.1	43.4	43.4	43.4	43.4	43.4	43.4
≥ 700	28.0	42.7	46.0	46.2	46.5	46.5	46.8	46.8	46.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4
≥ 600	28.5	44.6	51.4	52.2	52.9	52.9	53.4	53.4	53.4	53.7	54.0	54.0	54.0	54.0	54.0	54.0
≥ 500	29.2	46.9	55.7	58.5	60.6	60.6	61.7	62.2	62.2	62.6	62.9	62.9	62.9	62.9	62.9	62.9
≥ 400	29.2	47.4	57.8	61.4	66.5	66.8	69.7	71.1	71.1	71.8	72.2	72.2	72.2	72.2	72.2	72.2
≥ 300	29.2	47.5	58.5	62.5	68.9	69.4	76.9	79.8	79.8	82.2	83.1	83.1	83.1	83.1	83.1	83.1
≥ 200	29.2	47.5	58.5	62.5	68.9	69.4	78.2	83.2	83.4	87.8	89.8	89.8	90.6	90.6	90.6	90.6
≥ 100	29.2	47.5	58.5	62.5	68.9	69.4	78.2	83.2	83.4	88.3	91.7	91.7	93.4	93.4	95.1	96.2
≥ 0	29.2	47.5	58.5	62.5	68.9	69.4	78.2	83.2	83.4	88.5	91.6	91.8	93.7	93.7	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS -11-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥½	≥½	≥½	≥½	≥½	≥0
NO CEILING	53.8	42.5	45.2	45.9	45.9	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	35.2	47.3	48.1	49.0	49.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	35.6	47.9	48.7	49.6	49.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	35.6	47.9	48.7	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	35.6	48.4	49.2	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	36.1	48.7	49.5	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	36.1	48.8	49.6	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	36.1	48.8	49.6	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	36.1	48.8	49.6	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	36.1	48.8	49.6	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	36.1	48.8	49.6	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	36.4	49.2	49.9	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4500	36.9	49.6	50.4	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4000	37.3	50.5	51.3	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3500	37.3	50.5	51.3	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3000	37.9	51.5	52.2	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2500	39.0	52.5	53.3	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 2000	39.0	53.5	54.2	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1800	39.6	53.5	54.2	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1500	40.4	54.7	55.5	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1200	41.1	56.5	57.3	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1000	44.1	60.8	65.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 900	44.9	67.1	67.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 800	45.6	71.3	72.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 700	46.3	74.8	75.7	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 600	46.1	77.9	79.7	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 500	46.1	81.1	84.2	89.9	90.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	46.1	81.1	84.2	89.9	90.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	46.2	81.4	84.8	91.2	92.2	95.9	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 200	46.2	81.4	84.8	91.2	92.2	95.9	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 100	46.2	81.4	84.8	91.2	92.2	95.9	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 0	46.2	81.4	84.8	91.2	92.2	95.9	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
STAF 240
47- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2100- MONTEREY FAA CA

73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	58.9	74.3	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	61.2	76.6	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	61.2	76.6	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	61.2	76.6	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	61.8	77.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	62.2	77.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	62.3	77.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	62.3	77.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	62.5	78.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	62.5	78.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	62.5	78.3	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	62.5	78.5	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	63.2	79.1	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	63.7	79.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	63.7	79.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	64.3	80.2	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	65.7	81.5	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	66.2	82.2	83.5	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	66.3	82.2	83.7	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	66.6	82.9	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	68.3	84.9	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	70.9	90.2	92.5	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	71.2	90.9	93.5	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	71.5	91.5	94.8	95.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	71.7	91.8	95.7	96.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	71.7	91.8	96.2	96.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	71.7	92.0	96.5	96.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	71.7	92.0	96.8	97.2	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	71.7	92.0	96.8	97.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.7	92.0	96.8	97.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.7	92.0	96.8	97.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.7	92.0	96.8	97.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEPEY FAA CA

73-79

AUS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	59.9	71.3	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥20000	62.1	74.3	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥18000	62.4	74.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥16000	62.4	74.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥14000	63.5	75.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥12000	63.5	76.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥10000	64.7	77.7	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥9000	64.7	77.7	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥8000	65.1	78.1	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥7000	65.1	78.1	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥6000	65.1	78.1	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥5000	65.1	78.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥4500	65.6	78.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥4000	65.9	79.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥3500	65.9	79.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥3000	66.4	79.6	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥2500	67.5	80.7	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2000	68.1	81.3	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥1800	68.3	81.4	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥1500	68.9	82.2	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥1200	70.1	83.9	85.1	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥1000	74.6	90.6	92.7	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥900	75.1	91.0	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥800	75.2	92.1	94.3	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥700	75.5	92.9	95.1	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥600	76.2	94.1	96.3	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥100	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0	76.2	94.9	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2127 MONTEREY FAA CA

73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	37.9	43.1	47.5	47.8	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	39.4	46.8	49.2	49.5	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	39.8	47.1	49.5	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	39.8	47.1	49.5	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 14000	39.8	47.1	49.5	49.8	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	40.1	47.5	49.8	50.1	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	40.4	48.2	50.5	51.0	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	40.4	48.2	50.5	51.0	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	40.4	48.2	50.5	51.0	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	40.4	48.2	50.5	51.0	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	40.5	48.4	50.7	51.2	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 5000	40.5	48.4	50.7	51.2	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4500	40.5	48.4	50.7	51.2	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4000	41.1	49.0	51.3	51.8	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3500	41.1	49.0	51.3	51.8	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3000	41.0	49.0	51.3	51.8	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 2500	42.4	50.4	52.7	53.2	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 2000	43.3	51.3	53.6	54.1	54.4	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 1800	43.6	51.6	53.9	54.4	54.7	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 1500	44.8	53.2	55.6	56.1	56.4	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1200	46.4	54.9	57.6	58.1	58.4	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 1000	52.4	64.3	67.5	68.0	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 900	53.3	66.7	70.0	70.4	70.7	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 800	55.8	71.0	74.4	75.2	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 700	56.4	73.3	77.2	78.0	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 600	56.9	76.4	82.1	83.4	84.7	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 500	57.3	77.3	85.2	86.7	88.3	88.4	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 400	57.2	78.0	87.2	90.1	92.3	92.4	94.0	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	57.2	78.0	88.4	91.8	95.2	95.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	57.2	78.0	88.4	91.8	95.2	95.4	98.3	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.2	78.0	88.4	91.8	95.2	95.4	98.3	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.3	78.0	88.4	91.8	95.2	95.4	98.3	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27249 MONTEREY FAA CA

73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2150-2355
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.0	40.1	40.9	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥20000	30.6	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥18000	30.6	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥16000	30.6	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥14000	30.6	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥12000	30.6	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥10000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥9000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥8000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥7000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥6000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥5000	31.2	41.6	42.4	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥4500	31.3	41.8	42.5	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥4000	31.6	42.1	42.9	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥3500	31.8	42.2	43.0	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥3000	31.8	42.4	43.2	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥2500	32.0	42.5	43.3	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥2000	32.4	43.6	44.4	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥1800	32.6	43.8	44.5	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥1500	32.6	44.4	45.2	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥1200	33.9	46.5	47.3	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥1000	36.6	52.4	53.8	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥900	37.2	53.8	55.5	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥800	40.1	58.7	61.6	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥700	40.9	61.6	65.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥600	41.6	65.1	71.3	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥500	41.9	67.0	75.0	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥400	41.9	67.9	77.3	79.9	81.9	82.0	83.6	83.6	83.6	83.6	83.9	84.0	84.0	84.0	84.0	84.0
≥300	41.9	68.8	80.5	83.4	88.3	88.6	92.5	92.6	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥200	41.9	68.8	80.8	83.7	89.4	89.9	94.2	95.2	95.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2
≥100	41.9	68.8	80.8	83.7	89.4	89.9	94.2	95.2	95.2	98.5	99.5	99.5	99.5	99.8	99.8	99.8
≥0	41.9	68.8	80.8	83.7	89.4	89.9	94.2	95.2	95.2	98.5	99.5	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	33.9	42.9	44.1	44.3	44.6	44.5	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	35.1	44.3	45.5	45.8	45.1	46.1	45.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3
≥ 16000	35.2	44.5	45.7	46.0	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	35.9	44.8	46.0	46.3	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	35.7	45.3	46.2	46.5	46.8	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 10000	36.3	45.6	46.9	47.2	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000	36.0	45.6	46.9	47.2	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	36.1	45.8	47.1	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 7000	36.1	45.6	47.1	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 6000	36.2	45.9	47.1	47.4	47.7	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	36.4	46.1	47.4	47.7	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4500	36.6	46.4	47.7	48.0	48.3	48.3	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 4000	36.9	46.8	48.1	48.5	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500	37.0	46.8	48.2	48.5	48.8	48.8	48.9	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1
≥ 3000	37.4	47.4	48.7	49.1	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2500	38.4	48.4	49.7	50.1	50.4	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	39.1	49.3	50.7	51.2	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1800	39.2	49.4	50.8	51.1	51.5	51.5	51.6	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 1500	39.7	50.5	51.9	52.2	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1200	40.7	52.2	53.7	54.0	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1000	43.6	58.7	60.7	61.0	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	44.2	59.9	62.2	62.5	63.0	63.0	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	45.4	63.3	66.1	66.5	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 700	46.1	65.5	69.3	69.7	70.5	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 600	46.5	68.1	73.3	74.2	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 500	46.7	69.8	76.8	78.3	80.1	80.2	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 400	46.8	70.4	78.5	80.8	83.8	83.9	85.3	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	46.8	70.7	79.6	82.2	86.7	87.0	90.3	91.1	91.1	91.6	91.8	91.8	91.9	91.9	91.9	91.9
≥ 200	46.8	70.7	79.6	82.3	87.1	87.4	91.6	93.0	93.0	94.8	95.5	95.5	95.7	95.7	95.9	95.9
≥ 100	46.8	70.7	79.6	82.3	87.1	87.4	91.7	93.1	93.2	95.5	96.5	96.5	97.3	97.3	98.0	98.2
≥ 0	46.8	70.7	79.6	82.3	87.1	87.4	91.7	93.2	93.2	95.6	96.6	96.6	97.5	97.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

5198

USAF ETAC

FORM
JUL 64

D-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27399 MONTEREY FAA CA

73-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	33.3	41.7	41.7	41.9	41.9	41.9	42.1	42.1	42.1	42.1	42.2	42.2	42.5	42.5	42.5	42.7
≥ 20000	31.7	43.2	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.7	43.7	44.0	44.0	44.0	44.1
≥ 18000	31.7	43.2	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.7	43.7	44.0	44.0	44.0	44.1
≥ 16000	31.7	43.2	43.2	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.7	43.7	44.0	44.0	44.0	44.1
≥ 14000	31.7	43.7	43.7	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.1	44.1	44.4	44.4	44.4	44.6
≥ 12000	31.7	43.7	43.7	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.1	44.1	44.4	44.4	44.4	44.6
≥ 10000	32.2	44.1	44.1	44.3	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	45.1
≥ 9000	32.2	44.1	44.1	44.3	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	45.1
≥ 8000	32.4	44.4	44.4	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	45.4
≥ 7000	32.5	44.8	44.8	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.2	45.2	45.6	45.6	45.6	45.7
≥ 6000	32.9	45.1	45.1	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.6	45.9	45.9	45.9	46.0
≥ 5000	32.9	45.4	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.9	45.9	46.2	46.2	46.2	46.3
≥ 4500	32.9	45.4	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.9	45.9	46.2	46.2	46.2	46.3
≥ 4000	33.0	45.6	45.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.3	46.3	46.3	46.5
≥ 3500	33.3	45.6	45.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.3	46.3	46.3	46.5
≥ 3000	33.5	46.2	46.2	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.7	46.7	47.0	47.0	47.0	47.1
≥ 2500	33.7	46.3	46.3	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.8	46.8	47.1	47.1	47.1	47.3
≥ 2000	33.8	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	48.1	48.1	48.1	48.3
≥ 1800	33.8	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	48.1	48.1	48.1	48.3
≥ 1500	35.7	50.6	50.6	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.1	51.1	51.4	51.4	51.4	51.6
≥ 1200	35.7	52.1	52.1	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.9	52.9	52.9	53.0
≥ 1000	37.3	55.6	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.2	56.2	56.5	56.5	56.5	56.7
≥ 900	37.3	56.5	56.5	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.1	57.1	57.5	57.5	57.5	57.8
≥ 800	37.3	57.1	57.1	57.9	58.3	59.2	59.4	59.4	59.4	59.4	59.5	59.5	59.8	59.8	59.8	60.2
≥ 700	37.3	59.2	60.3	60.6	61.9	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.5	62.5	62.5	62.9
≥ 600	37.8	61.4	64.9	65.6	67.0	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.6	67.6	67.6	67.9
≥ 500	37.8	63.7	71.1	72.2	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	76.0	76.0	76.0	76.3
≥ 400	37.8	64.3	73.0	75.9	80.8	80.8	81.3	81.3	81.3	81.3	81.4	81.4	81.7	81.7	81.7	82.1
≥ 300	37.8	64.3	73.7	77.3	83.7	83.7	85.7	85.7	85.7	86.7	86.8	86.8	87.3	87.3	87.3	87.6
≥ 200	37.8	64.3	73.8	77.5	84.1	84.1	87.1	87.6	87.6	90.0	91.3	91.3	92.1	92.1	92.1	92.4
≥ 100	37.8	64.3	73.8	77.5	84.1	84.1	87.1	87.6	87.6	90.3	92.1	92.1	94.0	94.0	95.6	95.9
≥ 0	37.8	64.3	73.8	77.5	84.1	84.1	87.1	87.6	87.6	90.3	92.1	92.1	94.1	94.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	22.7	35.2	36.7	36.7	36.8	36.8	36.8	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.8	37.8
≥ 20000	22.9	35.4	36.8	36.8	37.0	37.0	37.0	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.9	37.9
≥ 18000	22.9	35.4	36.8	36.8	37.0	37.0	37.0	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.9	37.9
≥ 16000	22.9	35.4	36.8	36.8	37.0	37.0	37.0	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.9	37.9
≥ 14000	22.9	35.4	36.8	36.8	37.0	37.0	37.0	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.9	37.9
≥ 12000	23.3	35.9	37.3	37.3	37.5	37.5	37.5	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.4	38.4
≥ 10000	23.5	36.0	37.5	37.5	37.6	37.6	37.6	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.6	38.6
≥ 9000	23.5	36.0	37.5	37.5	37.6	37.6	37.6	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.6	38.6
≥ 8000	23.5	36.5	37.9	37.9	38.1	38.1	38.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	39.0	39.0
≥ 7000	23.7	36.7	38.1	38.1	38.3	38.3	38.3	38.7	38.7	38.9	38.9	38.9	38.9	38.9	39.2	39.2
≥ 6000	24.0	37.0	38.4	38.4	38.6	38.6	38.6	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.5	39.5
≥ 5000	24.0	37.0	38.4	38.4	38.6	38.6	38.6	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.5	39.5
≥ 4500	24.0	37.0	38.4	38.4	38.6	38.6	38.6	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.5	39.5
≥ 4000	24.8	37.8	39.2	39.2	39.4	39.4	39.4	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.3	40.3
≥ 3500	24.8	37.9	39.4	39.4	39.5	39.5	39.5	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.5	40.5
≥ 3000	25.2	39.4	40.8	40.8	41.0	41.0	41.0	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.9	41.9
≥ 2500	26.2	40.5	41.9	41.9	42.1	42.1	42.1	42.5	42.5	42.7	42.7	42.7	42.7	42.7	43.0	43.0
≥ 2000	26.7	42.4	44.3	44.3	44.4	44.4	44.4	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.4	45.4
≥ 1800	26.8	42.5	44.4	44.4	44.6	44.6	44.6	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.6	45.6
≥ 1500	28.9	46.2	48.1	48.1	48.3	48.3	48.3	48.7	48.7	48.9	48.9	48.9	48.9	48.9	49.2	49.4
≥ 1200	29.0	47.1	49.1	49.1	49.4	49.4	49.4	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.3	50.5
≥ 1000	31.6	51.4	53.3	53.3	53.7	53.7	53.7	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.6	54.8
≥ 900	31.7	52.4	54.4	54.4	54.8	54.8	54.8	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.7	55.9
≥ 800	31.7	53.5	55.7	55.7	56.5	56.5	56.5	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.5	57.6
≥ 700	31.7	55.2	57.8	57.8	58.6	58.6	58.6	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.5	59.7
≥ 600	31.7	56.3	61.3	61.4	62.0	62.0	62.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.7	63.8
≥ 500	31.7	57.5	64.6	65.2	68.3	68.3	68.6	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.5	69.7
≥ 400	32.1	58.7	67.1	68.4	73.3	73.5	74.4	74.9	74.9	75.6	75.6	75.6	75.6	75.6	75.9	76.0
≥ 300	32.1	59.0	68.3	69.7	75.7	75.9	78.6	79.0	79.0	80.0	80.0	80.0	80.0	80.0	80.5	81.0
≥ 200	32.1	59.0	68.4	69.8	76.3	76.5	80.0	80.8	80.8	84.6	84.6	84.6	84.6	84.6	87.8	88.3
≥ 100	32.1	59.0	68.4	69.8	76.3	76.5	80.5	81.6	81.6	86.0	86.0	86.0	86.0	86.0	90.3	92.2
≥ 0	32.1	59.0	68.4	69.8	76.3	76.5	80.5	81.6	81.6	86.0	86.0	86.0	86.0	86.0	90.5	93.8

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	29.1	33.1	33.5	34.5	34.2	34.2	34.5	34.7	34.7	35.0	35.3	35.3	35.9	35.9	35.9	35.9
≥ 20000	29.6	33.5	34.0	34.7	34.8	34.8	35.1	35.3	35.3	35.6	35.9	35.9	36.6	36.6	36.6	36.6
≥ 18000	29.6	33.5	34.0	34.7	34.8	34.8	35.1	35.3	35.3	35.6	35.9	35.9	36.6	36.6	36.6	36.6
≥ 16000	29.6	33.5	34.0	34.7	34.8	34.8	35.1	35.3	35.3	35.6	35.9	35.9	36.6	36.6	36.6	36.6
≥ 14000	30.0	34.5	35.0	35.6	35.8	35.8	36.1	36.2	36.2	36.6	36.9	36.9	37.5	37.5	37.5	37.5
≥ 12000	30.7	35.1	35.6	36.2	36.4	36.4	36.7	36.9	36.9	37.2	37.5	37.5	38.2	38.2	38.2	38.2
≥ 10000	30.7	35.1	35.6	36.2	36.4	36.4	36.7	36.9	36.9	37.2	37.5	37.5	38.2	38.2	38.2	38.2
≥ 9000	30.7	35.1	35.6	36.2	36.4	36.4	36.7	36.9	36.9	37.2	37.5	37.5	38.2	38.2	38.2	38.2
≥ 8000	30.7	35.1	35.6	36.2	36.4	36.4	36.7	36.9	36.9	37.2	37.5	37.5	38.2	38.2	38.2	38.2
≥ 7000	30.7	35.1	35.6	36.2	36.4	36.4	36.7	36.9	36.9	37.2	37.5	37.5	38.2	38.2	38.2	38.2
≥ 6000	31.5	36.2	36.7	37.4	37.7	37.7	38.0	38.2	38.2	38.5	38.8	38.8	39.4	39.4	39.4	39.4
≥ 5000	31.5	36.6	37.0	37.7	38.2	38.2	38.5	38.6	38.6	39.0	39.3	39.3	39.9	39.9	39.9	39.9
≥ 4500	31.8	36.6	37.0	37.7	38.2	38.2	38.5	38.6	38.6	39.0	39.3	39.3	39.9	39.9	39.9	39.9
≥ 4000	33.1	37.8	38.5	39.1	39.6	39.6	39.9	40.1	40.1	40.4	40.7	40.7	41.3	41.3	41.3	41.3
≥ 3500	33.4	38.6	39.4	40.1	40.5	40.5	40.9	41.0	41.0	41.3	41.7	41.7	42.3	42.3	42.3	42.3
≥ 3000	34.5	39.7	40.5	41.2	41.7	41.7	42.0	42.1	42.1	42.4	42.8	42.8	43.4	43.4	43.4	43.4
≥ 2500	35.1	40.4	41.2	41.8	42.3	42.3	42.6	42.8	42.8	43.1	43.4	43.4	44.0	44.0	44.0	44.0
≥ 2000	36.2	42.1	43.1	43.7	44.2	44.2	44.5	44.7	44.7	45.0	45.3	45.3	45.9	45.9	45.9	45.9
≥ 1800	36.9	42.8	43.7	44.4	44.8	44.8	45.2	45.3	45.3	45.6	45.9	45.9	46.6	46.6	46.6	46.6
≥ 1500	38.5	45.8	46.7	47.4	47.9	47.9	48.2	48.3	48.3	48.6	49.0	49.0	49.6	49.6	49.6	49.6
≥ 1200	38.2	46.1	47.5	48.2	48.8	48.8	49.1	49.3	49.3	49.6	49.9	49.9	50.6	50.6	50.6	50.6
≥ 1000	39.1	48.2	50.4	51.0	52.1	52.1	52.5	52.6	52.6	52.9	53.3	53.3	53.9	53.9	53.9	53.9
≥ 900	39.3	48.6	51.1	51.7	52.8	52.8	53.1	53.3	53.3	53.6	53.9	53.9	54.5	54.5	54.5	54.5
≥ 800	39.3	49.4	52.3	53.3	54.7	54.7	55.2	55.3	55.3	55.6	56.0	56.0	56.6	56.6	56.6	56.6
≥ 700	39.3	50.1	53.9	55.2	56.8	56.8	57.2	57.4	57.4	57.7	58.0	58.0	58.7	58.7	58.7	58.7
≥ 600	39.3	51.2	55.6	57.2	59.0	59.0	59.5	59.6	59.6	59.9	60.3	60.3	60.9	60.9	60.9	60.9
≥ 500	39.3	51.5	58.5	61.5	65.3	65.3	66.6	66.8	66.8	67.1	67.4	67.4	68.0	68.0	68.0	68.0
≥ 400	39.3	51.7	59.1	63.0	68.4	68.4	71.4	71.9	71.9	72.7	73.0	73.0	73.6	73.6	73.6	73.6
≥ 300	39.3	51.7	59.8	64.1	71.2	71.2	75.8	77.7	77.7	79.5	80.6	80.6	81.2	81.2	81.2	81.2
≥ 200	39.3	51.7	60.1	64.4	71.5	72.0	76.3	78.7	78.9	83.0	85.9	85.9	87.4	87.4	88.1	88.1
≥ 100	39.3	51.7	60.1	64.4	71.5	72.0	76.3	78.7	79.0	83.3	87.1	87.1	90.0	90.0	94.0	95.7
≥ 0	39.3	51.7	60.1	64.4	71.5	72.0	76.3	78.7	79.0	83.3	87.1	87.1	90.0	90.0	94.0	95.7

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	30.9	49.1	50.7	51.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	41.7	51.4	53.1	54.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	41.7	51.4	53.1	54.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	41.7	51.4	53.1	54.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	43.1	52.8	54.5	55.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	43.4	53.1	54.8	55.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	43.6	53.3	55.0	56.0	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	43.6	53.3	55.3	56.0	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	44.0	53.7	55.5	56.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	44.0	53.7	55.5	56.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000	44.2	53.9	55.6	56.6	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 5000	45.5	55.2	56.9	57.9	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4500	45.5	55.2	56.9	57.9	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	45.9	55.6	57.4	58.3	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500	46.3	56.4	58.2	59.1	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 3000	46.4	56.8	58.5	59.5	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2500	46.7	57.1	58.8	59.8	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2000	47.9	58.7	60.6	61.5	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800	48.2	59.1	61.0	62.0	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 1500	49.4	62.3	64.2	65.2	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1200	49.8	62.6	66.1	67.1	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1000	50.1	63.8	67.9	68.8	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 900	50.1	64.9	69.3	70.6	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 800	50.1	65.2	71.2	73.1	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 700	50.1	65.5	72.7	75.2	77.3	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 600	50.1	65.7	73.3	76.5	79.5	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 500	50.1	66.0	74.7	78.4	82.5	82.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 400	50.1	66.0	75.4	79.7	85.2	86.3	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 300	50.1	66.0	75.5	79.8	87.0	87.3	91.9	94.6	94.6	95.5	95.9	95.9	95.9	95.9	95.9	95.9
≥ 200	50.1	66.0	75.5	79.8	87.1	87.4	92.7	96.3	96.3	97.3	98.9	98.9	98.9	98.9	99.2	99.2
≥ 100	50.1	66.0	75.5	79.8	87.1	87.4	92.7	96.3	96.3	97.3	98.9	98.9	99.4	99.4	99.8	100.0
≥ 0	50.1	66.0	75.5	79.8	87.1	87.4	92.7	96.3	96.3	97.3	98.9	98.9	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20459

MONTEREY FAA CA

73-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY : STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	58.2	70.6	73.4	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	60.7	73.8	76.6	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	60.7	74.1	76.9	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	60.7	74.1	76.9	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	61.4	74.7	77.6	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	61.4	74.7	77.6	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	62.3	75.8	78.7	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	62.3	75.8	78.7	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	62.6	76.2	79.1	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	63.0	76.5	79.3	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	63.1	76.6	79.5	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	64.4	77.9	80.8	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	65.0	78.5	81.4	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	65.7	79.2	82.0	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	66.5	80.0	82.8	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	66.5	80.0	82.8	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	66.6	80.9	83.8	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	66.8	81.9	84.4	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	67.2	82.0	85.1	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	68.7	84.6	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	68.7	85.1	88.9	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	69.6	87.1	91.6	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	69.6	87.9	92.5	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	69.6	88.2	93.0	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	69.8	88.7	94.0	95.5	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	69.8	88.7	94.0	96.5	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	69.8	88.7	94.8	96.8	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	69.8	88.7	94.8	97.0	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	69.8	88.7	94.8	97.3	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.8	88.7	94.8	97.3	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.8	88.7	94.8	97.3	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.8	88.7	94.8	97.3	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23159
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.03	≥0.01
NO CEILING	60.8	73.3	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥20000	64.0	74.4	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥18000	64.3	75.1	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥16000	64.3	75.1	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥14000	64.6	75.4	76.7	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥12000	65.2	76.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥10000	66.3	77.3	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥9000	66.5	77.8	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥8000	67.5	78.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥7000	67.8	79.0	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥6000	67.8	79.0	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥5000	68.6	79.6	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥4500	68.7	80.0	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥4000	69.0	80.3	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥3500	69.4	80.6	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥3000	69.5	80.8	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2500	69.5	81.3	82.2	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥2000	69.8	82.4	83.3	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥1800	70.2	82.7	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥1500	70.3	83.5	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥1200	71.0	84.4	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥1000	73.0	87.3	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥900	73.0	88.4	90.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥800	73.2	89.3	93.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥700	73.8	90.8	94.3	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥600	74.3	92.2	96.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥500	74.3	92.2	97.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	74.3	92.2	97.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	74.3	92.2	97.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	74.3	92.2	97.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	74.3	92.2	97.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	74.3	92.2	97.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20259 MONTEPEY FAA CA

73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2100
HOURS - LT

CEILING :FEET:	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3-16	≥0
NO CEILING	47.5	54.5	55.9	56.2	57.0	57.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥20000	49.5	56.4	58.7	58.3	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥18000	50.2	57.0	58.6	58.9	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥16000	50.2	57.0	58.6	58.9	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥14000	50.8	57.6	59.2	59.6	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥12000	51.3	58.4	60.0	60.4	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥10000	51.8	58.9	60.5	60.8	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥9000	51.8	59.4	61.0	61.3	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥8000	52.4	60.0	61.6	61.9	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥7000	52.4	60.0	61.6	61.9	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥6000	52.8	60.2	61.8	62.1	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥5000	53.8	61.5	63.2	63.5	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥4500	53.8	61.5	63.2	63.5	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥4000	53.8	61.5	63.2	63.5	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥3500	54.1	61.9	63.7	64.0	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥3000	54.1	62.4	64.2	64.5	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥2500	54.1	62.8	64.6	64.9	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥2000	54.9	63.5	65.3	65.6	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥1800	54.9	63.5	65.3	65.6	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥1500	55.7	65.1	66.9	67.2	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥1200	57.5	67.5	69.3	69.7	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥1000	59.3	70.5	72.3	73.1	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥900	59.4	71.5	74.0	74.5	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥800	60.4	73.4	77.5	78.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥700	60.7	74.0	80.4	82.5	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥600	60.8	75.6	84.2	86.9	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥500	60.8	76.4	86.6	89.8	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥400	60.8	76.4	87.3	90.8	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥300	60.8	76.4	87.6	91.6	96.5	96.5	96.8	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥200	60.8	76.4	87.6	91.6	96.7	97.0	97.8	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7
≥100	60.8	76.4	87.6	91.6	96.7	97.0	97.8	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7
0	60.8	76.4	87.6	91.6	96.7	97.0	97.8	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	40.5	50.2	50.9	51.0	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	41.7	51.5	52.1	52.3	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	42.3	51.8	52.5	52.6	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	42.0	51.9	52.5	52.6	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	42.3	51.8	52.5	52.6	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	42.3	52.5	53.1	53.3	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	42.4	53.1	53.7	53.9	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	42.6	53.1	53.7	53.9	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	43.4	54.1	54.7	54.8	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	43.4	54.1	54.7	54.8	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	43.4	54.1	54.7	54.8	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000	44.0	55.0	55.6	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	44.0	55.0	55.6	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4000	44.0	55.2	56.0	56.1	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500	44.0	55.2	56.1	56.3	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3000	44.0	55.3	56.3	56.4	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 2500	44.2	55.6	56.6	56.8	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 2000	45.0	56.6	57.6	57.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1800	45.1	56.6	57.6	57.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1500	46.4	59.5	60.4	60.6	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1200	47.1	61.7	62.5	62.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1000	48.5	65.3	66.6	66.8	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 900	48.5	65.7	66.9	67.1	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	48.6	66.8	69.0	69.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 700	49.4	68.7	71.2	71.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 600	49.9	71.1	75.0	76.3	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 500	50.1	73.1	80.3	82.7	86.3	86.3	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 400	50.1	73.4	82.2	85.5	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 300	50.1	73.4	82.4	86.8	93.2	93.2	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 200	50.1	73.4	82.4	86.8	93.5	93.5	95.5	95.9	95.9	96.7	97.3	97.3	97.8	97.8	97.8	97.8
≥ 100	50.1	73.4	82.4	86.8	93.6	93.6	95.7	96.0	96.0	97.1	97.8	97.8	98.4	98.4	98.9	99.0
≥ 0	50.1	73.4	82.4	86.8	93.6	93.6	95.7	96.0	96.0	97.1	97.8	97.8	98.6	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2.139 MONTEREY FAA CA

73-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	41.1	50.6	51.7	52.1	52.5	52.5	52.6	52.7	52.7	52.8	52.9	52.9	53.0	53.0	53.0	53.0
≥ 20000	42.7	52.4	53.6	54.0	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.8	54.9	54.9	54.9	54.9
≥ 18000	42.9	52.7	53.9	54.2	54.7	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.2	55.2
≥ 16000	42.9	52.7	53.9	54.2	54.7	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.2	55.2
≥ 14000	43.3	53.2	54.4	54.8	55.2	55.2	55.3	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7
≥ 12000	43.6	53.7	54.9	55.3	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.2	56.2
≥ 10000	44.1	54.2	55.4	55.8	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8
≥ 9000	44.1	54.3	55.5	55.9	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.9	56.9
≥ 8000	44.6	54.8	56.1	56.4	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.4	57.4	57.4	57.4
≥ 7000	44.7	55.0	56.2	56.6	57.1	57.1	57.2	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5
≥ 6000	44.9	55.3	56.5	56.9	57.4	57.4	57.4	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8
≥ 5000	45.6	56.0	57.3	57.6	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.7
≥ 4500	45.7	56.1	57.4	57.7	58.3	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.8
≥ 4000	46.2	56.6	57.9	58.3	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.3	59.3
≥ 3500	46.4	57.0	58.3	58.7	59.2	59.2	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8
≥ 3000	46.7	57.6	58.9	59.3	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3
≥ 2500	47.0	58.1	59.4	59.8	60.3	60.3	60.5	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.9
≥ 2000	47.6	59.3	60.7	61.1	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 1800	47.9	59.6	61.0	61.4	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.5
≥ 1500	49.1	62.2	63.6	64.0	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1
≥ 1200	49.6	63.3	65.1	65.5	66.2	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.7	66.7
≥ 1000	51.0	66.2	68.4	68.9	69.6	69.6	69.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.1
≥ 900	51.1	67.0	69.4	69.9	70.7	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.3
≥ 800	51.3	67.9	71.2	72.0	73.0	73.0	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.6	73.6
≥ 700	51.5	69.0	73.1	74.3	75.6	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 600	51.7	70.3	75.7	77.4	79.0	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8
≥ 500	51.7	71.1	78.4	80.7	83.6	83.6	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.6	84.6
≥ 400	51.8	71.4	79.5	82.4	86.6	86.7	87.7	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.4	88.4
≥ 300	51.9	71.5	79.9	83.3	88.3	88.5	90.5	91.3	91.3	91.9	92.2	92.2	92.3	92.3	92.3	92.4
≥ 200	51.8	71.5	79.9	83.3	88.5	88.7	91.2	92.2	92.2	93.9	94.9	94.9	95.5	95.5	95.6	95.7
≥ 100	51.8	71.5	79.9	83.3	88.5	88.7	91.3	92.3	92.3	94.2	95.5	95.5	96.5	96.5	97.5	97.9
≥ 0	51.9	71.5	79.9	83.3	88.5	88.7	91.3	92.3	92.4	94.2	95.5	95.5	96.5	96.5	98.2	99.3

TOTAL NUMBER OF OBSERVATIONS 5034

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEAR

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥0
NO CEILING	33.2	51.5	51.9	51.9	52.8	52.8	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.5
≥ 20000	34.4	52.2	53.5	53.6	54.5	54.5	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 18000	34.4	52.2	53.5	53.6	54.5	54.5	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 16000	34.4	52.2	53.5	53.6	54.5	54.5	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 14000	34.4	52.4	53.6	53.8	54.7	54.7	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.3
≥ 12000	34.4	52.5	53.8	53.9	54.8	54.8	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.5
≥ 10000	35.2	53.5	54.8	55.0	55.9	55.9	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 9000	35.2	53.5	54.8	55.0	55.9	55.9	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 8000	35.6	53.9	55.3	55.6	56.5	56.5	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1
≥ 7000	35.8	54.2	55.4	55.9	56.8	56.8	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 6000	35.8	54.3	56.2	56.5	57.5	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 5000	36.3	55.3	56.7	57.0	58.1	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 4500	36.3	55.3	56.7	57.0	58.1	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 4000	36.3	56.7	58.1	58.4	59.4	59.4	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 3500	36.9	56.7	58.2	58.5	59.6	59.6	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 3000	38.2	58.5	60.3	60.5	61.6	61.6	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 2500	38.2	58.8	60.5	60.8	61.9	61.9	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 2000	39.2	61.4	63.4	63.7	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 1800	39.2	61.4	63.4	63.7	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 1500	40.2	64.2	65.2	66.5	67.6	67.6	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.2
≥ 1200	40.2	65.4	67.6	68.3	69.1	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 1000	40.9	67.1	69.4	69.9	71.0	71.0	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6
≥ 900	40.9	67.1	69.9	70.4	71.4	71.4	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 800	41.0	68.8	72.6	73.6	74.8	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 700	41.0	69.3	73.7	74.5	75.7	75.7	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 600	41.0	71.0	75.6	76.3	77.6	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.2
≥ 500	41.0	71.9	78.2	79.0	81.1	81.1	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 400	41.0	72.5	79.3	81.3	84.0	84.0	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥ 300	41.3	72.8	79.9	82.0	86.0	86.0	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.9
≥ 200	41.3	72.8	79.9	82.0	86.5	86.5	88.5	88.5	88.5	89.0	89.6	89.6	89.6	89.6	89.6	90.3
≥ 100	41.3	72.8	79.9	82.0	86.5	86.5	89.2	89.2	89.2	89.6	89.6	90.9	90.9	90.9	90.9	91.9
≥ 0	41.3	72.8	79.9	82.0	86.5	86.5	89.2	89.2	89.2	89.6	89.6	90.9	90.9	90.9	90.9	91.9

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEREY FAA CA

73-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1302-0600
LOCAL TIME

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	57.7	45.5	46.4	46.4	47.5	47.3	47.2	47.2	47.2	48.1	48.2	48.2	48.4	48.4	48.4	48.5
≥ 20000	51.2	47.8	48.7	48.7	49.8	49.8	50.1	50.1	50.1	50.4	50.5	50.5	50.7	50.7	50.7	50.8
≥ 18000	31.2	47.8	48.7	48.7	49.8	49.8	50.1	50.1	50.1	50.4	50.5	50.5	50.7	50.7	50.7	50.8
≥ 16000	31.2	47.8	48.7	48.7	49.8	49.8	50.1	50.1	50.1	50.4	50.5	50.5	50.7	50.7	50.7	50.8
≥ 14000	31.2	47.8	48.7	48.7	49.8	49.8	50.1	50.1	50.1	50.4	50.5	50.5	50.7	50.7	50.7	50.8
≥ 12000	31.3	48.2	49.3	49.2	50.2	50.2	50.5	50.5	50.5	50.8	51.1	51.1	51.2	51.2	51.2	51.3
≥ 10000	31.5	48.7	50.1	50.1	51.2	51.2	51.5	51.5	51.5	51.8	51.9	51.9	52.1	52.1	52.1	52.2
≥ 9000	31.5	48.7	50.1	50.1	51.2	51.2	51.5	51.5	51.5	51.8	51.9	51.9	52.1	52.1	52.1	52.2
≥ 8000	31.5	49.1	50.4	50.7	51.8	51.8	52.1	52.1	52.1	52.4	52.5	52.5	52.7	52.7	52.7	52.8
≥ 7000	31.8	49.7	50.9	50.7	51.8	51.8	52.1	52.1	52.1	52.4	52.5	52.5	52.7	52.7	52.7	52.8
≥ 6000	31.8	49.8	51.2	51.5	52.5	52.5	52.8	52.8	52.8	53.1	53.3	53.3	53.5	53.5	53.5	53.6
≥ 5000	32.3	50.5	52.2	52.5	53.6	53.6	53.9	53.9	53.9	54.2	54.4	54.4	54.5	54.5	54.5	54.7
≥ 4500	32.1	50.5	52.2	52.5	53.6	53.6	53.9	53.9	53.9	54.2	54.4	54.4	54.5	54.5	54.5	54.7
≥ 4000	32.7	52.2	53.9	54.2	55.3	55.3	55.6	55.6	55.6	55.9	56.1	56.1	56.2	56.2	56.2	56.4
≥ 3500	32.7	52.2	53.9	54.2	55.3	55.3	55.6	55.6	55.6	55.9	56.1	56.1	56.2	56.2	56.2	56.4
≥ 3000	33.3	54.4	56.7	57.1	58.2	58.2	58.5	58.5	58.5	59.2	59.1	59.1	59.3	59.3	59.3	59.4
≥ 2500	33.6	54.7	57.0	57.5	58.5	58.5	58.8	58.8	58.8	59.3	59.4	59.4	59.6	59.6	59.6	59.8
≥ 2000	35.1	57.1	59.6	60.1	61.1	61.1	61.6	61.6	61.6	62.1	62.2	62.2	62.4	62.4	62.4	62.5
≥ 1800	35.1	57.1	59.6	60.1	61.1	61.1	61.6	61.6	61.6	62.1	62.2	62.2	62.4	62.4	62.4	62.5
≥ 1500	35.5	59.4	62.1	62.5	63.6	63.6	64.1	64.1	64.1	64.5	64.7	64.7	64.8	64.8	64.8	65.0
≥ 1200	35.8	60.4	63.4	64.1	65.1	65.1	65.6	65.6	65.6	66.1	66.2	66.2	66.4	66.4	66.4	66.5
≥ 1000	36.3	62.5	65.2	67.0	68.0	68.0	68.5	68.5	68.5	69.0	69.1	69.1	69.3	69.3	69.3	69.4
≥ 900	36.3	63.6	67.7	68.7	69.7	69.7	70.2	70.2	70.2	70.7	70.8	70.8	71.0	71.0	71.0	71.1
≥ 800	36.3	64.4	69.1	70.2	71.3	71.3	71.7	71.7	71.7	72.4	72.5	72.5	72.7	72.7	72.7	72.8
≥ 700	36.3	64.8	69.7	70.8	71.9	71.9	72.4	72.5	72.5	73.0	73.1	73.1	73.3	73.3	73.3	73.4
≥ 600	36.3	65.9	71.3	73.0	74.0	74.0	74.5	74.7	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.5
≥ 500	36.3	65.9	72.2	74.2	75.7	75.7	76.7	76.8	76.8	77.3	77.4	77.4	77.6	77.6	77.6	77.7
≥ 400	36.3	66.2	72.8	75.4	77.1	77.1	78.0	78.2	78.2	78.6	78.8	78.8	79.0	79.0	79.0	79.1
≥ 300	36.7	67.3	74.7	78.2	81.3	81.3	82.2	82.3	82.3	82.9	83.1	83.1	83.4	83.4	83.4	83.5
≥ 200	36.7	67.3	74.7	78.3	81.7	81.7	83.3	83.6	83.6	85.7	86.0	86.0	87.4	87.4	87.4	87.6
≥ 100	36.7	67.3	74.7	78.3	81.7	81.7	83.7	84.0	84.0	87.4	87.7	87.7	90.0	90.0	91.9	92.6
≥ 0	36.7	67.3	74.7	78.3	81.7	81.7	83.7	84.0	84.0	87.4	87.7	87.7	90.0	90.0	92.3	92.6

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3629-3829
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.5	43.4	44.1	44.3	44.6	44.8	45.4	45.8	45.8	46.2	46.5	46.5	46.8	46.8	46.9	47.2
≥ 20000	40.8	46.3	47.1	47.4	47.7	47.8	48.6	49.1	49.1	49.4	49.7	49.7	50.0	50.0	50.2	50.5
≥ 18000	41.1	46.9	47.7	48.0	48.3	48.5	49.2	49.7	49.7	50.0	50.3	50.3	50.6	50.6	50.8	51.1
≥ 16000	41.1	46.9	47.7	48.0	48.3	48.5	49.2	49.7	49.7	50.0	50.3	50.3	50.6	50.6	50.8	51.1
≥ 14000	42.1	47.8	48.6	48.9	49.2	49.4	50.2	50.6	50.6	50.9	51.2	51.2	51.5	51.5	51.7	52.0
≥ 12000	42.6	48.5	49.2	49.5	49.8	50.0	50.8	51.2	51.2	51.5	51.8	51.8	52.2	52.2	52.3	52.6
≥ 10000	43.4	49.8	50.8	51.1	51.4	51.5	52.5	52.9	52.9	53.2	53.5	53.5	53.8	53.8	54.0	54.3
≥ 9000	43.4	50.3	50.9	51.2	51.5	51.7	52.6	53.1	53.1	53.4	53.7	53.7	54.0	54.0	54.2	54.5
≥ 8000	43.4	50.3	50.9	51.2	51.5	51.7	52.6	53.1	53.1	53.4	53.7	53.7	54.0	54.0	54.2	54.5
≥ 7000	43.4	50.3	50.9	51.2	51.5	51.7	52.6	53.1	53.1	53.4	53.7	53.7	54.0	54.0	54.2	54.5
≥ 6000	43.4	50.3	51.1	51.4	51.7	51.8	52.8	53.2	53.2	53.5	53.8	53.8	54.2	54.2	54.3	54.6
≥ 5000	44.3	51.1	52.2	52.5	52.8	52.9	53.8	54.3	54.3	54.6	54.9	54.9	55.2	55.2	55.4	55.7
≥ 4500	44.3	51.1	52.2	52.5	52.8	52.9	53.8	54.3	54.3	54.6	54.9	54.9	55.2	55.2	55.4	55.7
≥ 4000	44.3	52.2	53.2	53.5	53.8	54.0	54.9	55.4	55.4	55.7	56.0	56.0	56.3	56.3	56.5	56.8
≥ 3500	45.2	52.9	54.0	54.3	54.6	54.8	55.7	56.2	56.2	56.5	56.8	56.8	57.1	57.1	57.2	57.5
≥ 3000	45.7	54.0	55.2	55.8	56.2	56.3	57.4	57.8	57.8	58.2	58.5	58.5	58.8	58.8	58.9	59.2
≥ 2500	46.0	54.5	55.7	56.5	56.8	56.9	58.0	58.5	58.5	58.8	59.1	59.1	59.4	59.4	59.5	59.8
≥ 2000	46.9	57.1	58.5	59.2	59.7	59.8	60.9	61.4	61.4	61.7	62.0	62.0	62.3	62.3	62.5	62.8
≥ 1800	46.9	57.2	58.6	59.4	59.8	60.0	61.1	61.5	61.5	61.8	62.2	62.2	62.5	62.5	62.6	62.9
≥ 1500	46.9	58.6	60.5	61.2	61.8	62.0	63.1	63.5	63.5	63.8	64.2	64.2	64.5	64.5	64.6	64.9
≥ 1200	47.1	59.4	62.0	62.9	63.5	63.7	64.8	65.2	65.2	65.5	65.8	65.8	66.2	66.2	66.3	66.6
≥ 1000	47.2	61.4	64.9	66.2	66.9	67.1	68.2	68.6	68.6	69.1	69.4	69.4	69.7	69.7	69.8	70.2
≥ 900	47.2	61.8	66.2	67.5	68.6	68.8	69.8	70.3	70.3	70.8	71.1	71.1	71.4	71.4	71.5	71.8
≥ 800	47.2	62.9	69.3	69.8	70.9	71.1	72.2	72.6	72.6	73.2	73.7	73.7	74.0	74.0	74.2	74.5
≥ 700	47.2	63.1	69.2	71.1	72.3	72.5	73.5	74.0	74.0	74.6	75.1	75.1	75.4	75.4	75.5	75.8
≥ 600	47.2	63.1	70.0	72.2	73.7	73.8	75.1	75.5	75.5	76.2	76.6	76.6	76.9	76.9	77.1	77.4
≥ 500	47.4	63.2	70.3	72.8	74.6	75.1	77.1	77.7	77.7	78.5	78.9	78.9	79.2	79.2	79.4	79.7
≥ 400	47.4	63.2	70.5	73.1	75.5	76.2	78.8	79.5	79.5	80.5	80.9	80.9	81.2	81.2	81.4	81.7
≥ 300	47.4	63.5	71.1	74.1	76.9	77.4	81.2	82.6	82.6	83.5	84.2	84.2	84.6	84.6	84.8	85.1
≥ 200	47.4	63.5	71.1	74.0	76.9	77.4	82.6	84.0	84.2	86.0	88.3	88.3	89.2	89.2	89.4	89.7
≥ 100	47.4	63.5	71.1	74.0	76.9	77.4	82.6	84.0	84.2	86.0	88.5	88.5	89.5	89.5	91.2	92.9
≥ 0	47.4	63.5	71.1	74.0	76.9	77.4	82.6	84.0	84.2	86.0	88.5	88.5	89.5	89.5	91.5	92.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2025
STATION

MONTEREY FAA CA

STATION NAME

73-79

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3503-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥4	≥0
NO CEILING	43.9	54.7	56.7	58.2	60.8	61.0	61.4	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	46.5	58.7	60.8	62.4	65.1	65.3	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	47.1	59.3	61.4	63.0	65.7	65.9	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	47.0	59.3	61.4	63.0	65.7	65.9	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	47.3	59.6	61.8	63.3	66.1	66.2	66.8	67.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	47.6	59.9	62.1	63.6	66.4	66.5	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	47.6	59.9	62.4	63.9	66.7	66.8	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	47.6	59.9	62.4	63.9	66.7	66.8	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	47.8	60.1	62.5	64.1	66.8	67.0	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	47.8	60.4	62.8	64.4	67.1	67.3	67.9	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	48.2	61.3	63.7	65.3	68.0	68.2	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 5000	48.4	61.9	64.4	65.9	68.7	68.8	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	48.4	61.9	64.4	65.9	68.7	68.8	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	48.8	62.4	65.7	66.5	69.3	69.4	70.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	49.6	63.4	66.1	67.6	70.4	70.5	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	49.6	63.7	66.7	68.2	71.0	71.1	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	49.9	64.2	67.1	68.7	71.4	71.6	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	51.5	67.3	70.5	72.0	74.8	75.0	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1800	51.5	68.2	71.6	73.1	75.9	76.0	76.7	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	52.1	70.0	73.6	75.4	78.2	78.3	79.1	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	52.4	71.1	75.1	77.3	80.2	80.3	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1000	52.4	71.9	76.8	79.1	82.0	82.2	83.1	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 900	52.4	71.9	77.4	80.2	83.1	83.3	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.8	84.8
≥ 800	52.5	72.0	77.9	80.6	83.7	83.9	84.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 700	52.8	72.4	78.6	81.6	84.6	84.8	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 600	52.8	72.4	78.6	81.7	84.9	85.3	86.5	86.6	86.6	86.9	86.9	86.9	86.9	86.9	87.1	87.1
≥ 500	52.8	72.4	78.8	82.0	85.7	86.0	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.5	88.5
≥ 400	52.8	72.7	79.1	83.3	87.4	87.9	90.9	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.2	92.2
≥ 300	52.8	72.7	79.1	83.6	88.0	88.5	92.9	94.3	94.6	95.5	95.7	95.7	95.7	95.9	96.0	96.0
≥ 200	52.8	72.7	79.1	83.6	88.0	88.5	92.9	94.9	95.4	96.9	98.0	98.3	98.3	98.3	98.6	98.6
≥ 100	52.8	72.7	79.1	83.6	88.0	88.5	92.9	95.1	95.5	97.1	98.2	98.2	99.1	99.1	99.7	100.0
0	52.8	72.7	79.1	83.6	88.0	88.5	92.9	95.1	95.5	97.1	98.2	98.2	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ .	≥ 0
NO CEILING	53.1	66.6	69.1	70.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	58.6	72.8	75.5	77.7	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	58.6	73.2	76.1	78.2	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	58.8	73.4	76.2	78.3	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	59.8	74.9	77.7	80.0	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	59.8	74.9	77.7	80.0	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	60.5	75.8	78.6	80.9	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	60.5	75.8	78.6	80.9	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000	60.8	76.2	78.9	81.2	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	60.8	76.6	79.4	81.7	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	61.1	76.9	79.7	82.0	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	61.2	77.4	80.2	82.6	83.7	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	61.2	77.5	80.3	82.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	61.2	77.5	80.3	82.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	62.0	78.3	81.1	83.5	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	63.2	79.7	82.9	85.4	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	63.2	79.7	82.9	85.5	86.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	64.8	82.5	85.2	87.6	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	64.9	82.2	85.4	88.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	65.4	83.2	86.6	89.2	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	66.0	84.1	87.5	90.2	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	66.9	85.1	89.1	92.0	93.2	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	66.9	85.4	89.4	92.3	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	66.9	85.5	89.5	92.5	94.0	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	66.9	85.7	90.0	92.9	94.6	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	66.9	85.8	90.5	93.4	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	66.9	85.8	90.9	94.0	96.3	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	66.9	85.8	90.9	94.0	96.3	96.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	66.9	85.8	90.9	94.0	96.5	96.8	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	66.9	85.8	90.9	94.0	96.5	96.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.9	85.8	90.9	94.0	96.5	96.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.9	85.8	90.9	94.0	96.5	96.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

GCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	55.6	57.1	68.8	69.6	69.7	69.7	61.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	61.4	73.6	75.4	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	61.8	74.1	75.9	76.8	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	61.9	74.2	76.7	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	62.4	75.1	77.0	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	62.7	75.4	77.3	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	63.7	77.1	79.4	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	63.7	77.1	79.4	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	63.7	77.1	79.4	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	64.1	77.4	79.7	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	64.8	78.2	80.6	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	65.4	78.8	81.3	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	65.7	79.1	81.6	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	66.7	80.0	82.5	83.4	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	66.7	80.0	82.5	83.4	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	67.7	81.1	83.6	84.5	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	67.9	81.3	83.7	84.6	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	69.7	83.9	86.3	87.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	69.9	84.1	86.5	87.4	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	70.1	84.8	87.4	88.3	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	71.1	86.1	88.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	72.1	88.1	90.8	91.7	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	72.1	88.1	90.8	91.7	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	72.1	88.1	90.8	91.7	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	72.2	89.1	92.5	93.7	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	72.3	89.9	93.9	95.1	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	72.8	90.5	94.9	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2722 MONTEREY FAA CA

73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS UST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.1	57.5	67.8	61.2	51.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	47.4	60.9	64.2	64.6	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	47.5	61.4	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	47.5	61.4	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	48.3	61.8	65.1	65.5	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3
≥ 12000	48.6	62.5	65.7	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	49.2	64.2	67.4	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	49.7	64.6	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	49.8	64.8	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	50.3	65.2	69.5	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	52.0	67.2	72.9	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	52.5	68.0	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	53.4	69.2	72.9	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	53.4	69.4	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	54.0	70.2	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	54.3	70.2	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	54.8	71.5	75.5	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1800	55.2	72.2	76.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	55.5	73.2	78.1	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1200	56.2	74.5	79.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	57.4	77.2	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	57.4	77.4	82.6	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 800	57.4	78.2	84.5	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700	58.1	79.7	87.7	88.5	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	58.3	80.8	89.8	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	58.6	82.0	91.8	93.5	95.1	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	58.6	82.0	92.5	94.6	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	58.6	82.0	92.6	94.9	96.8	97.2	97.2	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	58.6	82.0	92.6	94.9	96.8	97.2	97.4	97.8	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	58.6	82.0	92.6	94.9	96.8	97.2	97.4	98.0	98.0	98.9	99.5	99.5	99.7	99.7	99.7	99.7
≥ 0	58.6	82.0	92.6	94.9	96.8	97.2	97.4	98.0	98.0	99.1	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27050 MONTEREY FAA CA

73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.7	55.7	57.5	57.8	58.6	58.6	58.8	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2
≥20000	42.2	56.5	58.3	58.6	59.4	59.4	59.5	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.0
≥18000	42.0	56.6	58.5	58.8	59.5	59.5	59.7	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.2	60.2
≥16000	42.0	56.6	58.5	58.8	59.5	59.5	59.7	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.2	60.2
≥14000	42.3	56.9	58.8	59.1	59.8	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5
≥12000	42.8	57.4	59.2	59.5	60.3	60.3	60.5	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥10000	42.8	59.1	60.9	61.2	62.0	62.0	62.2	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥9000	42.8	59.1	60.9	61.7	62.5	62.5	62.6	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1
≥8000	42.9	59.2	61.1	61.8	62.6	62.6	62.8	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥7000	43.7	60.2	62.0	62.8	63.5	63.5	63.7	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.2	64.2
≥6000	44.0	61.1	62.9	63.7	64.5	64.5	64.6	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1
≥5000	44.5	61.7	63.5	64.3	65.1	65.1	65.2	65.4	65.4	65.5	65.5	65.5	65.7	65.7	65.7	65.7
≥4500	44.6	61.8	63.7	64.5	65.2	65.2	65.4	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥4000	46.3	63.8	65.7	66.5	67.2	67.2	67.4	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥3500	46.3	64.2	66.0	66.8	67.5	67.5	67.7	67.8	67.8	68.0	68.0	68.0	68.2	68.2	68.2	68.2
≥3000	47.7	65.8	67.7	68.5	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥2500	47.7	65.8	67.7	68.5	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥2000	48.0	67.1	68.9	70.0	70.8	70.8	70.9	71.1	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4
≥1800	48.3	67.4	69.2	70.3	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.7
≥1500	48.5	69.5	71.7	72.8	73.5	73.5	73.7	73.8	73.8	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥1200	49.7	71.1	73.4	74.5	75.2	75.2	75.4	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥1000	50.9	73.1	75.8	76.9	77.7	77.7	77.8	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥900	51.1	74.2	76.9	78.0	78.8	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4
≥800	51.2	75.7	79.1	80.2	80.9	80.9	81.1	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥700	51.2	76.0	80.2	81.4	82.2	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.8	82.8	82.8	82.8
≥600	51.4	76.6	81.8	83.1	83.8	83.8	84.0	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5
≥500	51.5	78.9	85.4	87.1	88.3	88.3	88.6	88.8	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1
≥400	51.5	78.9	86.2	89.1	90.6	90.6	90.9	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥300	51.5	78.9	87.1	90.0	93.2	93.2	94.0	94.3	94.3	94.6	94.6	94.6	94.8	94.8	95.2	95.2
≥200	51.5	78.9	87.1	90.0	93.2	93.2	94.3	94.9	94.9	95.7	96.0	96.0	96.3	96.3	97.2	97.2
≥100	51.5	78.9	87.1	90.0	93.2	93.2	94.3	94.9	94.9	95.8	96.3	96.3	96.9	96.9	98.2	98.8
0	51.5	78.9	87.1	90.0	93.2	93.2	94.3	94.9	94.9	95.8	96.3	96.3	97.1	97.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20289 MONTEREY FAA CA

73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1151

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.7	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	42.6	55.1	56.9	57.6	58.5	58.5	58.8	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.3
≥ 20000	45.3	58.6	60.4	61.2	62.1	62.1	62.5	62.6	62.6	62.7	62.8	62.8	62.9	62.9	62.9	63.0
≥ 18000	45.4	58.9	60.8	61.5	62.5	62.5	62.8	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.3
≥ 16000	45.5	59.0	60.8	61.5	62.5	62.5	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.4
≥ 14000	45.9	59.6	61.4	62.1	63.1	63.1	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0
≥ 12000	46.2	59.9	61.8	62.5	63.5	63.5	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.3
≥ 10000	46.7	61.0	63.0	63.8	64.7	64.8	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6
≥ 9000	46.7	61.0	63.1	63.9	64.8	64.9	65.2	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.7
≥ 8000	47.0	61.3	63.3	64.2	65.1	65.1	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 7000	47.1	61.6	63.6	64.5	65.4	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3
≥ 6000	47.5	62.2	64.4	65.2	66.2	66.2	66.6	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1
≥ 5000	48.0	63.0	65.2	66.0	67.0	67.0	67.4	67.5	67.5	67.6	67.7	67.7	67.8	67.8	67.8	67.9
≥ 4500	48.2	63.2	65.3	66.2	67.2	67.2	67.6	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.1
≥ 4000	48.8	64.3	66.4	67.3	68.3	68.3	68.7	68.8	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.2
≥ 3500	49.1	64.6	66.9	67.7	68.7	68.7	69.1	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6
≥ 3000	49.9	65.9	68.4	69.3	70.3	70.3	70.7	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.2	71.2
≥ 2500	50.1	66.1	68.6	69.6	70.5	70.6	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5
≥ 2000	51.2	68.4	71.0	72.0	73.0	73.0	73.5	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.0
≥ 1800	51.4	68.7	71.3	72.3	73.3	73.3	73.8	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.3
≥ 1500	51.8	70.4	73.3	74.3	75.3	75.3	75.8	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
≥ 1200	52.3	71.5	74.7	75.8	76.8	76.9	77.3	77.4	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.9
≥ 1000	53.0	73.3	76.9	78.2	79.3	79.3	79.8	79.9	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.4
≥ 900	53.0	73.7	77.6	79.0	80.1	80.1	80.7	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.2
≥ 800	53.1	74.5	79.1	80.6	81.9	81.9	82.4	82.6	82.6	82.8	82.9	82.9	82.9	82.9	83.0	83.1
≥ 700	53.2	75.0	80.2	81.8	83.1	83.1	83.7	83.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.3
≥ 600	53.3	75.7	81.4	83.2	84.8	84.8	85.4	85.5	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 500	53.4	76.3	82.8	84.9	86.8	86.9	87.8	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.5
≥ 400	53.4	76.5	83.3	85.9	88.2	88.3	89.6	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.5
≥ 300	53.5	76.7	83.8	86.7	89.6	89.8	91.7	92.2	92.2	92.6	92.8	92.8	92.9	92.9	93.0	93.1
≥ 200	53.5	76.7	83.8	86.7	89.7	89.9	92.2	92.9	93.0	94.0	94.7	94.7	95.2	95.2	95.4	95.5
≥ 100	53.5	76.7	83.8	86.7	89.7	89.9	92.3	93.1	93.2	94.4	95.2	95.2	96.1	96.1	96.8	97.4
≥ 0	53.5	76.7	83.8	86.7	89.7	89.9	92.3	93.1	93.2	94.4	95.2	95.2	96.1	96.1	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5204

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23259
STATION

MONTEREY FAA CA

73-79

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7000-7200
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥	≥0
NO CEILING	55.7	58.6	69.7	59.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥20000	58.1	70.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥18000	58.3	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥16000	58.3	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥14000	58.6	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥12000	58.7	70.8	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥10000	60.2	72.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥9000	60.2	72.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥8000	60.2	73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥7000	60.2	73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥6000	60.8	74.6	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥5000	61.4	75.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥4500	61.4	75.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥4000	62.1	76.5	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥3500	62.4	77.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥3000	63.2	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥2500	64.3	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥2000	66.2	83.0	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥1800	66.5	83.5	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥1500	66.7	84.3	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥1200	66.7	86.2	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥1000	67.0	87.5	89.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥900	67.0	87.5	90.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥800	67.0	87.6	90.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥700	67.0	88.4	91.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥600	67.0	88.6	91.7	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥500	67.0	89.5	92.9	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥400	67.0	89.5	93.1	94.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥300	67.0	89.5	93.2	95.1	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥200	67.0	89.5	93.2	95.1	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.6
≥100	67.0	89.5	93.2	95.1	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	98.3
≥0	67.0	89.5	93.2	95.1	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	98.7

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

27299 MONTEPEY FAA CA

73-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

630-0577
NOV 73

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 10	≥ .	≥ 0
NO CEILING	52.1	65.6	65.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	53.7	67.1	67.9	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	53.3	67.3	68.1	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	53.3	67.3	68.1	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	54.9	67.9	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	54.9	68.4	69.2	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	58.7	72.7	73.5	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	58.7	72.7	73.5	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	58.7	73.2	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	58.9	73.3	74.1	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	59.2	74.1	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000	59.7	75.1	75.9	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	59.7	75.1	75.9	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	59.8	75.4	76.2	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	60.0	75.9	76.7	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	61.6	78.3	79.5	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	62.4	80.3	81.1	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	63.5	81.7	82.9	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	63.7	81.9	83.1	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	64.0	83.3	84.4	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	64.3	84.8	86.2	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	65.1	86.5	88.9	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	65.1	86.7	89.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	65.1	86.7	89.5	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	65.4	87.3	90.3	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600	65.4	87.3	90.3	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	65.4	87.8	91.5	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 400	65.4	87.8	91.1	93.0	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	65.4	88.1	91.9	94.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4
≥ 200	65.4	88.1	91.9	94.1	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.9
≥ 100	65.4	88.1	91.9	94.0	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.7	96.5	96.5	97.8
≥ 0	65.4	88.1	91.9	94.0	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.7	95.7	96.5	96.5	98.4

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

630-0000
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.02	≥0
NO CEILING	54.5	60.9	62.7	62.2	62.8	62.8	63.4	63.4	63.4	63.6	63.6	63.6	63.9	63.9	63.9	64.1
≥ 20000	59.6	66.3	67.7	67.9	68.5	68.5	69.2	69.2	69.2	69.3	69.3	69.3	69.6	69.6	70.0	70.1
≥ 18000	59.9	66.6	68.7	68.2	68.8	68.8	69.5	69.5	69.5	69.6	69.6	69.6	70.0	70.0	70.3	70.4
≥ 16000	59.9	66.6	68.7	68.2	68.8	68.8	69.5	69.5	69.5	69.6	69.6	69.6	70.0	70.0	70.3	70.4
≥ 14000	61.1	68.1	69.5	69.6	70.3	70.3	70.9	70.9	70.9	71.1	71.1	71.1	71.4	71.4	71.7	71.9
≥ 12000	61.2	68.2	69.6	69.8	70.4	70.4	71.1	71.1	71.1	71.2	71.2	71.2	71.5	71.5	71.9	72.0
≥ 10000	63.4	70.4	71.9	72.0	72.7	72.7	73.3	73.3	73.3	73.4	73.4	73.4	73.8	73.8	74.1	74.2
≥ 9000	63.6	70.6	72.5	72.2	72.8	72.8	73.4	73.4	73.4	73.6	73.6	73.6	73.9	73.9	74.2	74.4
≥ 8000	63.9	71.1	72.5	72.7	73.3	73.3	73.9	73.9	73.9	74.1	74.1	74.1	74.4	74.4	74.7	74.9
≥ 7000	64.1	71.2	72.7	72.8	73.4	73.4	74.1	74.1	74.1	74.2	74.2	74.2	74.6	74.6	74.9	75.0
≥ 6000	65.1	72.2	73.6	73.8	74.4	74.4	75.0	75.0	75.0	75.2	75.2	75.2	75.5	75.5	75.9	76.0
≥ 5000	66.3	73.8	75.2	75.4	76.0	76.0	76.6	76.6	76.6	76.8	76.8	76.8	77.1	77.1	77.4	77.6
≥ 4500	66.5	73.9	75.4	75.5	76.2	76.2	76.8	76.8	76.8	76.9	76.9	76.9	77.3	77.3	77.6	77.7
≥ 4000	67.1	74.9	76.3	76.5	77.1	77.1	77.7	77.7	77.7	77.9	77.9	77.9	78.2	78.2	78.5	78.7
≥ 3500	67.4	75.4	76.8	76.9	77.6	77.6	78.2	78.2	78.2	78.4	78.4	78.4	78.7	78.7	79.0	79.2
≥ 3000	69.3	77.7	79.3	79.5	80.1	80.1	80.8	80.8	80.8	80.9	80.9	80.9	81.2	81.2	81.5	81.7
≥ 2500	69.8	78.9	80.5	80.8	81.4	81.4	82.0	82.0	82.0	82.2	82.2	82.2	82.5	82.5	82.8	83.0
≥ 2000	72.3	81.9	84.1	84.4	85.1	85.1	85.7	85.7	85.7	85.9	85.9	85.9	86.2	86.2	86.5	86.6
≥ 1800	73.0	82.8	85.1	85.4	86.1	86.1	86.6	86.6	86.6	86.8	86.8	86.8	87.1	87.1	87.4	87.6
≥ 1500	73.4	83.9	86.2	86.5	87.1	87.1	87.8	87.8	87.8	87.9	87.9	87.9	88.2	88.2	88.6	88.7
≥ 1200	73.4	84.6	86.8	87.1	87.8	87.8	88.4	88.4	88.4	88.6	88.6	88.6	88.9	88.9	89.2	89.3
≥ 1000	73.9	86.2	89.6	88.9	89.5	89.5	90.3	90.3	90.3	90.5	90.5	90.5	90.8	90.8	91.1	91.3
≥ 900	74.1	86.3	88.7	89.0	89.7	89.7	90.5	90.5	90.5	90.6	90.6	90.6	90.9	90.9	91.3	91.4
≥ 800	74.1	86.5	89.7	89.3	90.1	90.1	90.9	90.9	90.9	91.1	91.1	91.1	91.4	91.4	91.7	91.9
≥ 700	74.1	86.6	89.2	89.5	90.8	90.8	91.6	91.6	91.6	91.7	91.7	91.7	92.1	92.1	92.4	92.5
≥ 600	74.1	86.6	89.2	89.7	91.3	91.3	92.1	92.1	92.1	92.2	92.2	92.2	92.5	92.5	92.8	93.0
≥ 500	74.1	86.6	89.3	89.8	91.4	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.7	92.7	93.0	93.2
≥ 400	74.1	86.8	89.5	90.0	91.6	91.6	92.5	92.5	92.5	92.7	92.7	92.7	93.0	93.0	93.3	93.5
≥ 300	74.1	86.8	89.5	90.3	91.9	91.9	92.8	93.2	93.2	93.3	93.3	93.3	93.6	93.6	94.0	94.1
≥ 200	74.1	86.8	89.5	90.3	91.9	91.9	93.0	93.3	93.3	93.3	93.5	93.5	93.8	93.8	94.1	94.3
≥ 100	74.1	86.8	89.5	90.3	91.9	91.9	93.0	93.5	93.5	93.6	93.6	93.8	94.3	94.3	95.2	95.8
≥ 0	74.1	86.8	89.5	90.3	91.9	91.9	93.0	93.5	93.5	93.6	93.8	93.8	94.3	94.3	95.9	96.3

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2327
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3987-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	57.5	65.8	62.1	62.3	63.1	63.1	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7
≥ 20000	63.7	67.4	68.8	68.9	69.9	69.9	71.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 18000	64.8	68.3	69.7	69.9	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 16000	64.8	68.3	69.7	69.9	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 14000	67.7	71.5	72.9	73.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7
≥ 12000	67.8	71.7	73.1	73.2	74.2	74.2	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.8	74.8
≥ 10000	69.1	72.9	74.4	74.5	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 9000	69.1	72.9	74.4	74.5	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 8000	69.1	72.9	74.4	74.5	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 7000	69.7	73.6	75.0	75.2	76.1	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.8	76.8
≥ 6000	71.3	75.2	76.6	76.8	77.7	77.7	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8	78.8
≥ 5000	72.9	76.8	78.2	78.3	79.3	79.3	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9
≥ 4500	73.6	77.5	79.0	79.1	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 4000	75.3	79.3	80.7	80.9	81.8	81.8	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.5	82.5
≥ 3500	75.9	80.3	81.7	81.8	82.8	82.8	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 3000	77.4	82.5	83.6	83.8	84.7	84.7	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.4	85.4
≥ 2500	78.8	83.9	85.7	85.8	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 2000	80.1	85.5	87.3	87.4	88.4	88.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 1800	80.7	87.1	88.9	89.0	90.0	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 1500	81.2	87.7	89.5	89.6	91.1	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9	91.9
≥ 1200	81.4	88.4	90.3	90.4	91.9	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.7
≥ 1000	81.5	89.3	91.4	91.6	93.2	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 900	81.5	89.3	91.4	91.7	93.5	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3
≥ 800	81.5	89.5	91.6	91.9	93.8	93.8	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 700	81.5	89.5	91.7	92.0	93.9	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 600	81.5	89.5	91.9	92.2	94.4	94.4	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 500	81.5	89.5	91.9	92.2	94.7	94.7	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 400	81.5	89.5	91.9	92.2	94.7	94.7	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 300	81.5	89.5	91.9	92.2	94.7	94.7	95.7	96.0	96.0	96.3	96.5	96.5	96.5	96.5	97.0	97.0
≥ 200	81.5	89.5	91.9	92.2	94.7	94.7	95.7	96.0	96.0	96.3	96.7	96.7	96.7	96.8	97.6	97.6
≥ 100	81.5	89.5	91.9	92.2	94.7	94.7	95.7	96.0	96.0	96.3	96.7	96.7	96.7	97.1	98.4	98.6
≥ 0	81.5	89.5	91.9	92.2	94.7	94.7	95.7	96.0	96.0	96.3	96.7	96.7	96.7	97.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20059
STATION

MONTEREY FAA CA

STATION NAME

73-79

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	61.5	65.4	66.8	67.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	67.3	71.4	72.9	73.3	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	68.1	72.4	73.8	74.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	68.3	72.7	74.1	74.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	73.5	75.2	76.7	77.1	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	71.6	76.3	77.8	78.3	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	73.0	77.8	79.2	79.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	73.2	77.9	79.4	79.8	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	73.2	78.3	79.7	80.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	73.3	78.4	79.8	80.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	74.4	79.4	80.8	81.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	74.9	83.3	81.7	82.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	75.9	81.4	82.9	83.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	76.3	82.2	83.7	84.1	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	77.9	83.7	85.2	85.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	80.0	86.3	87.8	88.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	81.3	87.8	89.2	89.7	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	82.4	88.9	90.4	91.0	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	82.7	89.5	91.1	91.6	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	83.2	90.3	91.9	92.4	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	83.3	91.6	93.2	93.7	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	84.0	91.9	93.7	94.3	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	84.0	91.6	93.8	94.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	84.0	91.6	94.0	94.6	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	84.0	91.6	94.3	94.9	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	84.0	91.9	94.6	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 630

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AER WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27239 MONTEREY FAA CA

73-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1573-1700
HOURS 157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.5	≥1	≥.7	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	59.4	62.7	63.5	63.9	64.5	64.5	64.6	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	67.2	70.4	71.2	71.5	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	68.3	71.7	72.5	72.8	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	68.3	71.8	72.6	72.9	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	69.6	73.1	74.2	74.5	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	70.4	73.9	75.0	75.3	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	71.4	75.5	76.9	77.4	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	72.0	76.3	77.4	77.9	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	73.2	77.2	78.7	79.1	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	73.6	77.5	79.1	79.5	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	73.7	78.0	79.5	79.9	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	74.7	79.7	80.4	80.9	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	75.2	79.8	81.1	81.5	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	76.6	81.4	83.2	83.4	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	77.7	82.6	84.4	84.9	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	79.1	83.9	85.7	86.1	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	80.9	85.9	87.7	88.2	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	82.5	87.7	89.8	90.3	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	82.6	87.9	90.7	90.4	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	83.3	88.4	90.4	90.9	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	83.9	89.3	91.4	91.9	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	84.4	91.2	93.5	94.1	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	84.4	91.4	93.9	94.6	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	84.4	91.6	94.1	94.7	95.4	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	84.4	91.7	94.6	95.4	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	84.4	91.7	94.4	95.7	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	84.4	91.9	94.7	95.9	96.7	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	84.4	91.9	94.9	96.0	97.1	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	84.4	91.9	94.9	96.2	97.5	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	84.4	91.9	94.9	96.2	97.5	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	84.4	91.9	94.9	96.2	97.5	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	84.4	91.9	94.9	96.2	97.5	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

222 9 MONTEREY FAA CA

73-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1272-2000
5045-44

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	55.5	63.1	64.8	65.4	65.2	65.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5
≥ 20000	55.2	67.5	69.2	70.3	70.8	70.8	71.3	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 18000	53.6	67.9	69.7	70.9	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6
≥ 16000	53.6	67.9	69.7	70.9	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6
≥ 14000	62.4	69.7	71.4	72.2	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
≥ 12000	62.5	69.8	71.6	72.4	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5
≥ 10000	64.0	71.4	73.2	74.3	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4
≥ 9000	64.0	71.4	73.3	74.4	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
≥ 8000	64.5	72.5	74.3	75.4	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5
≥ 7000	64.6	72.5	74.3	75.4	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5
≥ 6000	65.2	73.3	75.1	76.2	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3
≥ 5000	66.0	74.3	76.3	77.5	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6
≥ 4500	66.0	74.3	75.5	77.6	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
≥ 4000	67.0	76.0	77.8	78.9	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0
≥ 3500	67.5	76.7	78.7	79.8	80.6	80.6	80.8	80.8	80.8	80.8	81.1	81.1	81.1	81.3	81.3	81.3
≥ 3000	68.6	78.1	80.2	81.3	82.1	82.1	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.7	82.7	82.7
≥ 2500	70.6	80.3	82.5	83.6	84.6	84.6	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2
≥ 2000	72.5	82.5	85.1	86.3	87.1	87.1	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.8	87.8	87.8
≥ 1800	72.5	82.7	85.2	86.5	87.3	87.3	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9
≥ 1500	73.5	84.2	87.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.3	90.3	90.3
≥ 1200	74.1	86.7	89.2	91.6	91.6	91.6	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.4	92.4	92.4
≥ 1000	74.3	88.3	90.8	92.2	93.2	93.2	93.5	93.5	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.0
≥ 900	74.3	88.6	91.3	92.7	93.7	93.7	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.4
≥ 800	74.5	89.2	92.4	93.8	94.8	94.8	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6
≥ 700	74.6	89.2	92.7	94.1	95.1	95.1	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.9	95.9	95.9
≥ 600	74.9	89.5	93.7	94.4	95.6	95.6	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3
≥ 500	74.9	89.7	93.7	95.4	96.7	96.7	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.5
≥ 400	74.9	89.8	94.7	95.7	97.0	97.0	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9
≥ 300	74.9	89.8	94.7	96.0	97.5	97.5	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6
≥ 200	74.9	89.8	94.7	96.0	97.5	97.5	98.1	98.3	98.3	98.3	98.9	98.9	98.9	99.2	99.2	99.2
≥ 100	74.9	89.8	94.7	96.0	97.5	97.5	98.1	98.3	98.3	98.3	98.9	98.9	98.9	99.2	99.2	99.2
≥ 0	74.9	89.8	94.7	95.0	97.5	97.5	98.1	98.3	98.3	98.3	98.9	98.9	98.9	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21252
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2359
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	58.7	67.9	69.2	75.2	71.3	73.3	70.5	70.5	70.5	70.8	70.8	70.8	71.0	71.1	71.3	71.0
≥ 20000	60.6	69.8	71.1	72.1	72.2	72.2	72.4	72.4	72.4	72.7	72.7	72.7	72.9	72.9	72.9	72.9
≥ 18000	59.8	70.0	71.3	72.2	72.4	72.4	72.5	72.5	72.5	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 16000	60.8	70.5	71.3	72.2	72.4	72.4	72.5	72.5	72.5	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 14000	62.2	71.4	72.7	73.7	73.8	73.8	74.0	74.0	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 12000	62.7	71.9	73.2	74.1	74.3	74.3	74.4	74.4	74.4	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 10000	63.3	73.0	74.3	75.2	75.4	75.4	75.6	75.6	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 9000	63.3	73.0	74.3	75.2	75.4	75.4	75.6	75.6	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 8000	63.3	73.2	74.4	75.4	75.6	75.6	75.7	75.7	75.7	76.0	76.0	76.0	76.2	76.2	76.2	76.2
≥ 7000	63.7	73.5	74.8	75.7	75.9	75.9	76.0	76.0	76.0	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 6000	64.3	74.9	76.2	77.1	77.3	77.3	77.5	77.5	77.5	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 5000	64.9	75.9	77.5	78.4	78.6	78.6	78.7	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2
≥ 4500	64.9	76.0	77.6	78.6	78.7	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4
≥ 4000	65.6	76.7	78.6	79.5	79.7	79.7	79.8	79.8	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 3500	65.6	76.8	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.5
≥ 3000	66.9	78.4	80.5	81.4	81.6	81.6	81.7	81.7	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 2500	68.3	80.6	82.9	83.8	84.0	84.0	84.1	84.1	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6
≥ 2000	70.0	83.7	85.9	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.8	87.8	87.9	87.9	87.9	87.9
≥ 1800	70.0	83.7	85.9	87.1	87.3	87.3	87.5	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 1500	70.6	85.2	87.6	89.3	89.2	89.2	89.4	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1200	70.6	86.5	88.9	90.3	90.5	90.5	90.6	90.6	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 1000	71.4	87.9	90.5	92.1	92.2	92.2	92.4	92.4	92.4	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 900	71.7	88.6	91.6	93.2	93.3	93.3	93.5	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 800	71.9	89.2	92.2	93.8	94.0	94.0	94.1	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 700	71.9	89.4	92.5	94.4	94.8	94.8	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 600	71.9	89.5	92.9	94.8	95.1	95.1	95.4	95.4	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 500	71.9	90.0	94.1	96.3	96.8	96.8	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 400	71.9	90.0	94.4	96.3	97.1	97.1	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	71.9	90.0	94.4	96.3	97.3	97.3	97.6	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 200	71.9	90.0	94.4	96.3	97.5	97.5	98.1	98.3	98.3	98.3	98.7	98.9	98.9	99.2	99.2	99.2
≥ 100	71.9	90.0	94.4	96.3	97.5	97.5	98.1	98.3	98.3	98.3	98.7	98.9	98.9	99.5	99.5	99.7
≥ 0	71.9	90.0	94.4	96.3	97.5	97.5	98.1	98.3	98.3	98.3	98.7	98.9	98.9	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20252 MONTEREY FAA CA

73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	57.1	64.4	65.5	65.9	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9
≥ 20000	61.3	68.0	69.5	70.4	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 18000	61.8	69.3	70.5	70.9	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.0
≥ 16000	61.3	69.4	70.5	71.0	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 14000	63.3	70.9	72.2	72.6	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6
≥ 12000	63.7	71.4	72.6	73.0	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1
≥ 10000	65.4	73.3	74.6	75.1	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.1	76.1
≥ 9000	65.5	73.4	74.7	75.2	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 8000	65.8	73.9	75.2	75.7	76.3	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 7000	66.1	74.2	75.4	75.9	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.0
≥ 6000	66.7	75.2	76.5	77.0	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1
≥ 5000	67.6	76.4	77.7	78.2	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3
≥ 4500	67.9	76.8	78.1	78.6	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 4000	68.7	77.8	79.2	79.7	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 3500	69.3	78.6	80.0	80.5	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6
≥ 3000	70.8	80.5	82.0	82.5	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 2500	72.0	82.3	83.9	84.4	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
≥ 2000	73.7	84.4	86.3	86.9	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1
≥ 1800	74.1	84.9	86.8	87.4	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
≥ 1500	74.5	86.0	88.0	88.7	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1200	74.7	87.1	89.2	89.9	90.7	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	75.2	88.6	90.9	91.8	92.6	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2
≥ 900	75.3	88.7	91.2	92.1	92.9	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.6
≥ 800	75.3	89.0	91.7	92.6	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.1
≥ 700	75.4	89.2	92.1	93.1	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 600	75.4	89.3	92.3	93.4	94.5	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 500	75.4	89.6	92.8	94.0	95.3	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 400	75.4	89.7	92.9	94.2	95.6	95.6	96.1	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 300	75.4	89.7	93.0	94.4	95.9	96.0	96.6	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.2	97.3
≥ 200	75.4	89.7	93.0	94.4	96.0	96.0	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.6	97.9
≥ 100	75.4	89.7	93.0	94.4	96.0	96.0	96.7	97.0	97.0	97.4	97.4	97.4	97.5	97.5	97.9	98.6
≥ 0	75.4	89.7	93.0	94.4	96.0	96.0	96.7	97.0	97.0	97.4	97.4	97.4	97.5	97.5	97.9	98.9

TOTAL NUMBER OF OBSERVATIONS 5035

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2719 MONTEREY FAA CA

73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-3200
HOURS IST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	51.1	70.5	72.0	72.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.0	74.1	74.1	74.1
≥ 20000	51.8	71.7	73.2	73.7	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 18000	51.8	71.7	73.2	73.7	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 16000	51.8	71.7	73.2	73.7	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 14000	52.0	72.0	73.5	74.0	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 12000	53.2	73.2	74.9	75.4	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 10000	54.5	74.5	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 9000	54.5	74.5	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 8000	54.5	74.5	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 7000	54.5	74.5	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 6000	54.5	75.2	77.2	77.7	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 5000	55.1	76.0	78.7	78.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0
≥ 4500	55.1	76.3	78.3	78.8	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 4000	55.1	76.9	79.7	80.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7
≥ 3500	55.4	77.5	80.3	80.8	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 3000	55.7	78.5	81.2	81.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 2500	56.0	79.2	82.0	82.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0
≥ 2000	56.3	80.5	84.1	84.8	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.8
≥ 1800	56.3	80.5	84.1	84.8	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.8
≥ 1500	56.3	81.2	84.9	85.7	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1200	56.3	81.7	85.7	86.6	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 1000	56.3	82.6	87.1	88.1	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2
≥ 900	56.5	82.9	87.7	88.6	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 800	56.5	83.2	88.5	89.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 700	56.5	84.2	89.4	90.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 600	56.5	84.3	89.5	90.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	56.5	84.5	89.7	90.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1
≥ 400	56.5	84.5	89.8	90.9	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 300	56.5	84.5	89.8	91.2	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.9	94.9	95.1	95.1
≥ 200	56.5	84.5	89.8	91.2	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	95.2	95.2	95.4	95.4
≥ 100	56.5	84.5	89.8	91.2	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	95.5	95.5	95.8	95.8
≥ 0	56.5	84.5	89.8	91.2	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	95.5	95.5	95.8	97.2

TOTAL NUMBER OF OBSERVATIONS 653

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION MONTEPEY FAA CA

73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1317-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	49.3	68.2	77.2	77.4	71.3	71.3	71.4	71.4	71.4	71.9	72.0	72.0	72.5	72.5	72.5	72.5
≥ 20000	50.4	69.3	71.4	71.6	72.5	72.5	72.7	72.7	72.7	73.1	73.3	73.3	73.7	73.7	73.7	73.7
≥ 18000	50.5	69.4	71.6	71.7	72.7	72.7	72.8	72.8	72.8	73.3	73.4	73.4	73.9	73.9	73.9	73.9
≥ 16000	50.5	69.4	71.6	71.7	72.7	72.7	72.8	72.8	72.8	73.3	73.4	73.4	73.9	73.9	73.9	73.9
≥ 14000	51.0	69.9	72.0	72.2	73.1	73.1	73.3	73.3	73.3	73.7	73.9	73.9	74.3	74.3	74.3	74.3
≥ 12000	52.1	71.0	73.1	73.3	74.2	74.2	74.3	74.3	74.3	74.8	75.0	75.0	75.4	75.4	75.4	75.4
≥ 10000	53.5	72.5	75.1	75.3	76.2	76.2	76.3	76.3	76.3	76.8	77.1	77.1	77.4	77.4	77.4	77.4
≥ 9000	53.5	72.5	75.1	75.3	76.2	76.2	76.3	76.3	76.3	76.8	77.1	77.1	77.4	77.4	77.4	77.4
≥ 8000	53.5	73.0	75.6	75.7	76.7	76.7	76.8	76.8	76.8	77.3	77.4	77.4	77.9	77.9	77.9	77.9
≥ 7000	53.5	73.0	75.6	75.7	76.7	76.7	76.8	76.8	76.8	77.3	77.4	77.4	77.9	77.9	77.9	77.9
≥ 6000	53.8	74.2	76.8	77.1	77.9	77.9	78.0	78.0	78.0	78.5	78.6	78.6	79.1	79.1	79.1	79.1
≥ 5000	55.9	76.5	79.3	79.4	80.3	80.3	80.5	80.5	80.5	81.0	81.1	81.1	81.6	81.6	81.6	81.6
≥ 4500	55.9	76.5	79.3	79.4	80.3	80.3	80.5	80.5	80.5	81.0	81.1	81.1	81.6	81.6	81.6	81.6
≥ 4000	56.4	77.4	80.5	80.6	81.6	81.6	81.7	81.7	81.7	82.2	82.3	82.3	82.8	82.8	82.8	82.8
≥ 3500	56.5	77.6	80.6	80.8	81.7	81.7	81.9	81.9	81.9	82.3	82.5	82.5	82.9	82.9	82.9	82.9
≥ 3000	57.1	78.5	81.7	81.9	82.7	82.8	82.9	82.9	82.9	83.4	83.6	83.6	84.1	84.1	84.1	84.1
≥ 2500	57.6	79.1	82.6	82.8	83.7	83.7	83.9	83.9	83.9	84.3	84.5	84.5	84.9	84.9	84.9	84.9
≥ 2000	57.9	81.3	85.4	85.6	86.9	86.9	87.3	87.3	87.3	87.7	87.9	87.9	88.3	88.3	88.3	88.3
≥ 1800	57.9	81.3	85.4	85.6	86.9	86.9	87.3	87.3	87.3	87.7	87.9	87.9	88.3	88.3	88.3	88.3
≥ 1500	57.9	81.7	86.2	86.3	87.9	87.9	88.2	88.2	88.2	88.6	88.8	88.8	89.2	89.2	89.2	89.2
≥ 1200	57.9	81.9	86.5	86.9	88.3	88.3	88.6	88.6	88.6	89.1	89.2	89.2	89.7	89.7	89.7	89.7
≥ 1000	57.9	81.9	87.6	87.9	89.2	89.2	89.6	89.6	89.6	90.0	90.2	90.2	90.6	90.6	90.6	90.6
≥ 900	57.9	82.0	87.7	88.1	89.4	89.4	89.7	89.7	89.7	90.2	90.3	90.3	90.8	90.8	90.8	90.8
≥ 800	57.9	82.3	88.3	88.6	90.5	90.5	90.8	90.8	90.8	91.2	91.4	91.4	91.9	91.9	91.9	91.9
≥ 700	57.9	82.5	88.5	88.9	90.8	90.8	91.1	91.1	91.1	91.6	91.7	91.7	92.2	92.2	92.2	92.2
≥ 600	57.9	82.9	88.9	89.4	91.2	91.2	91.6	91.6	91.6	92.0	92.2	92.2	92.6	92.6	92.6	92.6
≥ 500	57.9	83.4	89.6	90.0	91.9	91.9	92.2	92.2	92.2	92.6	92.8	92.8	93.2	93.2	93.2	93.2
≥ 400	57.9	83.7	89.9	90.5	92.3	92.3	92.8	92.8	92.8	93.2	93.4	93.4	93.9	93.9	93.9	93.9
≥ 300	57.9	83.7	89.9	90.9	93.1	93.1	93.7	93.7	93.7	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 200	57.9	83.7	89.9	90.9	93.1	93.1	93.7	93.7	93.7	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 100	57.9	83.7	89.9	90.9	93.1	93.1	93.7	93.7	93.7	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 0	57.9	83.7	89.9	90.9	93.1	93.1	93.7	93.7	93.7	94.2	94.2	94.2	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0630-0800
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	53.3	53.6	65.0	65.0	65.3	65.3	65.7	65.7	65.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	56.7	67.6	6.0	69.0	69.3	69.3	69.7	69.7	69.7	70.0	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	57.3	58.4	69.7	69.7	70.0	70.0	70.5	70.5	70.5	70.8	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	57.3	68.4	69.7	69.7	70.0	70.0	70.5	70.5	70.5	70.8	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	57.9	69.4	70.8	71.3	71.3	71.3	71.7	71.7	71.7	72.0	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	58.4	69.9	71.3	71.4	71.7	71.7	72.2	72.2	72.2	72.5	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	60.2	72.7	74.0	74.2	74.5	74.5	75.0	75.0	75.0	75.3	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	60.2	72.7	74.0	74.2	74.5	74.5	75.0	75.0	75.0	75.3	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	60.5	73.0	74.3	74.5	74.8	74.8	75.3	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	60.5	73.0	74.3	74.5	74.8	74.8	75.3	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	60.8	73.6	75.1	75.1	75.4	75.4	75.9	75.9	75.9	76.2	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	62.8	76.2	77.6	77.7	78.0	78.0	78.5	78.5	78.5	78.8	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	63.4	76.8	78.2	78.3	78.6	78.6	79.1	79.1	79.1	79.4	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	64.8	78.5	80.0	80.2	80.5	80.5	81.0	81.0	81.0	81.3	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	65.3	79.3	80.6	80.8	81.1	81.1	81.6	81.6	81.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	65.7	80.8	82.6	82.8	83.1	83.1	83.6	83.6	83.6	83.9	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	66.7	82.0	84.0	84.2	84.6	84.6	85.1	85.1	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	67.7	84.6	86.8	86.9	87.6	87.6	88.0	88.0	88.0	88.3	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	67.7	85.1	87.3	87.4	88.0	88.0	88.5	88.5	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	67.9	86.0	88.6	88.8	89.4	89.4	89.9	89.9	89.9	90.3	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	67.9	86.2	88.8	89.1	89.9	89.9	90.5	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	67.9	86.6	89.4	90.0	90.9	90.9	91.6	91.7	91.7	92.0	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	67.9	86.6	89.4	90.2	91.1	91.1	91.7	91.9	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	67.9	86.6	89.9	90.6	91.9	91.9	92.6	92.8	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.7
≥ 700	67.9	86.6	90.0	90.8	92.0	92.0	92.8	92.9	92.9	93.2	93.7	93.7	93.7	93.7	93.7	93.9
≥ 600	67.9	86.6	90.0	90.8	92.2	92.2	93.1	93.5	93.5	93.9	94.3	94.3	94.3	94.3	94.3	94.5
≥ 500	67.9	87.6	91.4	92.2	93.7	93.7	94.9	95.4	95.4	95.7	96.2	96.2	96.2	96.2	96.2	96.3
≥ 400	67.9	87.6	91.6	92.5	94.0	94.0	95.2	95.7	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.6
≥ 300	67.9	87.6	91.6	92.5	94.2	94.2	96.0	96.5	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.4
≥ 200	67.9	87.6	91.6	92.5	94.2	94.2	96.0	96.5	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.5
≥ 100	67.9	87.6	91.6	92.5	94.2	94.2	96.0	96.5	96.5	96.8	97.2	97.2	97.4	97.4	98.0	98.5
≥ 0	68.0	87.7	91.7	92.6	94.3	94.3	96.2	96.6	96.6	96.9	97.4	97.4	97.5	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
JTFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27245
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	55.9	61.2	61.4	61.4	61.9	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.8	62.8
≥ 20000	63.3	68.7	70.7	70.7	70.5	70.5	70.8	71.3	71.0	71.1	71.1	71.1	71.3	71.3	71.4	71.4
≥ 18000	63.4	68.8	70.2	70.2	70.7	70.7	71.0	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.6	71.6
≥ 16000	63.4	68.8	70.2	70.2	70.7	70.7	71.0	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.6	71.6
≥ 14000	65.3	70.7	72.2	72.4	72.8	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.7	73.7
≥ 12000	65.3	71.3	72.8	73.0	73.4	73.4	73.7	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 10000	65.2	74.0	75.6	75.7	76.2	76.2	76.5	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.1	77.1
≥ 9000	68.2	74.0	75.6	75.7	76.2	76.2	76.5	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.1	77.1
≥ 8000	69.1	75.1	76.7	76.8	77.3	77.3	77.6	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.2	78.2
≥ 7000	69.3	75.6	77.1	77.3	77.7	77.7	78.0	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.6	78.6
≥ 6000	70.4	76.5	78.1	78.2	78.6	78.6	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.6	79.6
≥ 5000	70.7	76.8	78.3	78.5	79.0	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.9	79.9
≥ 4500	70.7	76.9	78.5	78.6	79.1	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.9	79.9	80.0	80.0
≥ 4000	73.6	80.0	81.9	82.0	82.5	82.5	82.8	82.9	82.9	83.1	83.1	83.1	83.3	83.3	83.4	83.4
≥ 3500	74.3	80.8	82.8	82.9	83.4	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.3	84.3
≥ 3000	75.7	82.9	84.9	85.1	85.6	85.6	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.5	86.5
≥ 2500	76.8	84.6	86.6	86.9	87.4	87.4	87.7	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.3
≥ 2000	77.4	85.7	88.2	88.3	89.2	89.2	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.2	90.2
≥ 1800	77.4	86.2	89.6	89.9	89.9	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.8	90.8
≥ 1500	78.2	87.4	90.3	90.3	91.7	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.6	92.6
≥ 1200	78.3	87.7	90.6	91.1	92.2	92.2	92.6	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.2
≥ 1000	78.3	88.5	91.7	92.3	93.4	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.5	94.5
≥ 900	78.3	86.9	92.2	92.9	94.0	94.0	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	95.1	95.1
≥ 800	78.3	89.1	92.8	93.7	94.9	94.9	95.4	95.5	95.5	95.7	95.7	95.7	95.9	95.9	96.0	96.0
≥ 700	78.3	89.1	92.8	93.7	94.9	94.9	95.4	95.7	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.3
≥ 600	78.3	89.1	92.8	93.7	94.9	94.9	95.4	95.7	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.3
≥ 500	78.5	89.2	92.9	93.9	95.2	95.2	96.3	96.5	96.5	97.1	97.2	97.2	97.4	97.4	97.5	97.5
≥ 400	78.5	89.2	92.9	93.9	95.4	95.4	96.6	96.9	96.9	97.8	98.0	98.0	98.2	98.2	98.3	98.3
≥ 300	78.5	89.2	92.9	93.9	95.4	95.4	96.8	97.1	97.1	98.0	98.2	98.2	98.3	98.3	98.5	98.5
≥ 200	78.5	89.2	92.9	93.9	95.4	95.4	96.8	97.1	97.1	98.0	98.5	98.5	98.6	98.6	98.8	98.8
≥ 100	78.5	89.2	92.9	93.9	95.4	95.4	96.8	97.1	97.1	98.0	98.5	98.5	98.8	98.8	99.4	99.4
≥ 0	76.5	89.2	92.9	93.9	95.4	95.4	96.8	97.3	97.1	98.0	98.5	98.5	98.8	98.8	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21459
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1250-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	59.1	64.7	65.4	66.1	66.2	66.2	66.7	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.7	67.0
≥ 20000	65.3	71.6	72.5	73.1	73.3	73.3	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	65.4	71.7	72.7	73.3	73.4	73.4	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	65.4	71.7	72.7	73.3	73.4	73.4	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	66.5	73.0	73.9	74.5	74.7	74.7	75.1	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	67.4	74.5	75.4	76.0	76.2	76.2	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	69.7	77.1	78.0	78.6	78.8	78.8	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	69.7	77.1	78.0	78.6	78.8	78.8	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	75.4	78.0	79.0	79.6	79.7	79.7	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	70.5	78.3	79.3	79.9	80.0	80.0	80.5	80.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	71.7	80.0	81.0	81.6	81.7	81.7	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	72.0	80.6	81.6	82.2	82.3	82.3	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	72.0	80.6	81.6	82.2	82.3	82.3	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	74.7	84.0	85.1	85.7	85.9	85.9	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	76.2	85.6	86.8	87.4	87.6	87.6	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	77.0	86.8	88.3	88.9	89.2	89.2	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	77.4	87.9	90.0	90.6	90.9	90.9	91.4	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	78.1	88.9	91.6	92.2	92.6	92.6	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	78.1	88.9	91.6	92.2	92.6	92.6	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	78.1	89.6	92.2	92.6	93.2	93.2	93.7	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	78.6	90.3	93.1	93.7	94.2	94.2	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	78.6	90.5	94.0	94.6	95.2	95.2	95.7	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	78.6	90.8	94.6	95.2	95.9	95.9	96.3	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	78.8	91.1	94.9	95.5	96.5	96.5	96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	78.8	91.1	94.9	95.5	96.5	96.5	96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	78.8	91.1	95.1	95.7	97.2	97.2	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	79.8	91.1	95.2	95.9	97.4	97.5	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	78.8	91.2	95.4	96.0	97.5	97.7	98.5	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	78.8	91.2	95.4	96.0	97.7	97.8	98.6	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8
≥ 200	78.8	91.2	95.4	96.0	97.7	97.8	98.6	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8
≥ 100	78.8	91.2	95.4	96.0	97.7	97.8	98.6	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8
≥ 0	78.8	91.2	95.4	96.0	97.7	97.8	98.6	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - L.S.T.

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	56.4	54.3	65.8	66.3	66.4	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	63.8	69.8	71.6	72.3	72.4	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	63.8	69.8	71.6	72.3	72.4	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	63.8	69.8	71.6	72.3	72.4	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	54.6	70.7	72.6	73.3	73.5	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	55.9	72.1	74.1	74.9	75.0	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	67.2	73.7	76.1	77.0	77.2	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	67.2	73.7	76.1	77.0	77.2	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	67.8	74.3	76.7	77.7	77.8	77.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	68.1	74.4	76.9	77.8	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	69.1	75.5	78.7	79.0	79.2	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	75.0	77.0	79.5	80.6	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	75.1	77.3	79.8	80.9	81.2	81.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	72.3	79.7	82.3	83.4	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	73.3	81.4	84.3	85.4	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	74.1	82.7	85.7	86.7	87.4	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	74.6	83.9	86.4	87.7	88.3	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	75.3	85.1	88.8	89.8	90.4	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	75.7	85.2	88.9	90.0	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	76.4	86.9	90.6	91.7	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	76.7	87.2	91.4	92.4	93.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	76.7	88.0	92.3	93.5	94.3	94.3	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	76.7	88.3	92.5	93.8	94.6	94.6	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	76.7	88.9	93.5	94.8	95.7	95.7	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	76.7	89.2	94.3	95.5	96.6	96.6	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	76.7	89.5	94.6	96.0	97.1	97.1	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	76.7	89.7	94.8	96.1	97.2	97.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	76.7	89.7	94.8	96.1	97.2	97.2	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	76.7	89.7	94.8	96.1	97.2	97.2	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	76.7	89.7	94.8	96.1	97.2	97.2	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	76.7	89.7	94.8	96.1	97.2	97.2	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	76.7	89.7	94.8	96.1	97.2	97.2	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27259
STATION

MONTEREY FAA CA
STATION NAME

73-79
YEARS

JEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	52.9	65.5	68.4	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	56.1	69.6	72.4	73.0	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	56.1	69.6	72.4	73.0	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	56.1	69.6	72.4	73.0	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	56.1	69.6	72.4	73.0	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	57.6	71.5	74.2	75.0	75.0	75.0	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	58.2	73.0	75.9	76.7	76.7	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	58.2	73.0	75.9	76.7	76.7	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	58.3	73.3	76.2	77.0	77.0	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	58.3	73.5	76.0	77.2	77.2	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	58.6	73.9	76.9	77.8	77.8	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	58.6	74.4	77.5	78.4	78.4	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	59.0	75.5	78.4	79.3	79.3	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	59.7	76.4	80.1	81.0	81.0	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	60.3	77.2	80.9	81.8	81.9	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	60.5	78.4	83.3	84.0	84.1	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	61.1	79.6	84.4	85.3	85.5	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	61.3	80.7	85.8	86.7	87.0	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	61.3	80.7	85.8	86.7	87.0	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	61.6	81.2	86.3	87.2	87.5	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	61.6	81.8	87.0	88.0	88.3	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	61.7	82.3	88.4	89.5	90.1	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	62.0	83.3	89.5	90.6	91.2	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	62.2	84.7	91.7	92.7	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	62.2	84.9	92.3	93.4	94.1	94.1	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	62.3	85.2	92.9	94.3	95.2	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	62.3	86.1	94.1	95.4	96.6	96.6	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	62.3	86.1	94.4	95.8	97.4	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	62.3	86.1	94.4	95.8	97.7	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	62.3	86.1	94.4	95.8	97.7	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	62.3	86.1	94.4	95.8	97.7	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	62.3	86.1	94.4	95.8	97.7	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2879
STATION

MONTEREY FAA CA

STATION NAME

73-79

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2135-2300
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	53.9	69.6	71.1	71.5	71.4	71.4	71.6	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 20000	55.3	71.7	73.3	73.4	73.6	73.6	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 18000	55.3	71.7	73.3	73.4	73.6	73.6	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 16000	55.3	71.7	73.3	73.4	73.6	73.6	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 14000	55.8	72.3	73.9	74.1	74.2	74.2	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 12000	56.3	73.3	74.7	74.8	75.3	75.3	75.4	75.4	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.2
≥ 10000	56.7	73.7	75.4	75.6	75.7	75.7	76.2	76.2	76.2	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 9000	56.7	73.7	75.4	75.6	75.7	75.7	76.2	76.2	76.2	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 8000	56.7	73.7	75.4	75.6	75.7	75.7	76.2	76.2	76.2	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 7000	56.9	73.9	75.6	75.7	75.9	75.9	76.4	76.4	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.1
≥ 6000	56.9	74.2	75.9	76.0	76.2	76.2	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 5000	57.1	74.5	76.4	76.5	76.7	76.7	77.1	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 4500	57.5	75.1	77.1	77.3	77.4	77.4	77.9	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 4000	58.0	76.0	78.4	78.7	78.9	78.9	79.3	79.3	79.3	79.9	79.9	79.9	79.9	79.9	79.9	80.1
≥ 3500	58.1	76.4	78.7	79.0	79.1	79.1	79.6	79.6	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.4
≥ 3000	58.3	76.8	79.8	80.1	80.2	80.2	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.5
≥ 2500	58.4	77.3	81.3	81.6	81.8	81.8	82.2	82.2	82.2	82.8	82.8	82.8	82.8	82.8	82.8	83.0
≥ 2000	59.1	79.4	83.2	83.5	83.6	83.6	84.1	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.9
≥ 1800	59.1	79.4	83.2	83.5	83.6	83.6	84.1	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.9
≥ 1500	59.8	81.1	85.3	85.8	85.9	85.9	86.4	86.4	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	60.1	81.6	86.4	86.9	87.1	87.1	87.5	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 1000	60.4	82.1	87.5	87.9	88.1	88.1	88.6	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 900	60.4	82.1	87.5	87.9	88.1	88.1	88.6	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 800	60.5	82.8	88.7	89.2	89.3	89.3	89.8	89.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.6
≥ 700	60.6	83.0	89.2	89.6	90.1	90.1	90.6	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 600	60.7	83.5	90.3	90.7	91.5	91.5	92.3	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.7
≥ 500	60.7	83.5	90.9	91.5	93.0	93.0	93.6	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 400	60.7	83.8	91.3	92.1	94.1	94.1	94.6	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 300	60.7	83.8	91.5	92.3	94.3	94.3	95.4	95.5	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 200	60.7	83.8	91.7	92.4	94.4	94.4	95.7	95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.9
≥ 100	60.7	83.8	91.7	92.4	94.4	94.4	95.7	95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.9
≥ 0	60.7	83.8	91.7	92.4	94.4	94.4	95.7	95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.9

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION Z7209 MONTEPEY FAA CA

73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥0
NO CEILING	54.3	65.8	67.8	67.7	68.1	69.1	69.4	69.4	69.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9
≥20000	57.8	70.3	71.7	72.0	72.4	72.4	72.7	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2
≥18000	55.1	70.1	71.8	72.2	72.6	72.6	72.9	72.9	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.4
≥16000	56.3	70.1	71.8	72.2	72.6	72.6	72.9	72.9	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.4
≥14000	58.6	71.3	72.7	73.1	73.5	73.5	73.9	73.9	73.9	74.1	74.3	74.3	74.4	74.4	74.4	74.4
≥12000	59.6	72.5	73.8	74.2	74.6	74.6	75.0	75.1	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.5
≥10000	61.3	73.9	75.8	76.3	76.7	76.7	77.1	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6
≥9000	61.4	73.9	75.8	76.3	76.7	76.7	77.1	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6
≥8000	61.4	74.4	76.3	76.8	77.2	77.2	77.6	77.6	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1
≥7000	61.5	74.5	76.5	76.9	77.3	77.3	77.7	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2
≥6000	62.1	75.4	77.3	77.8	78.2	78.2	78.6	78.6	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1
≥5000	62.8	76.5	78.5	79.1	79.4	79.4	79.8	79.8	79.8	80.1	80.2	80.2	80.3	80.3	80.3	80.3
≥4500	63.3	76.8	78.9	79.4	79.8	79.8	80.2	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.7	80.7
≥4000	64.3	78.6	81.1	81.5	81.9	81.9	82.3	82.3	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.8
≥3500	65.0	79.5	81.9	82.4	82.8	82.8	83.2	83.2	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7
≥3000	65.5	80.7	83.4	83.9	84.4	84.4	84.8	84.8	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥2500	66.1	81.7	84.7	85.2	85.7	85.7	86.1	86.2	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6
≥2000	66.7	83.3	86.7	87.2	88.0	88.0	88.4	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9
≥1800	66.7	83.4	86.8	87.4	88.1	88.1	88.6	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.1
≥1500	67.1	84.4	88.1	88.6	89.4	89.4	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4
≥1200	67.3	84.8	88.7	89.3	90.2	90.2	90.6	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.2
≥1000	67.3	85.3	89.7	90.5	91.4	91.4	91.8	91.9	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4
≥900	67.3	85.6	90.2	90.9	91.8	91.8	92.3	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥800	67.4	86.1	91.1	91.8	93.3	93.3	93.5	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.3
≥700	67.4	86.3	91.4	92.2	93.4	93.4	94.0	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.6
≥600	67.4	86.5	91.8	92.6	94.0	94.0	94.6	94.7	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2
≥500	67.4	86.9	92.3	93.2	94.7	94.7	95.5	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3
≥400	67.4	87.0	92.9	93.5	95.2	95.2	96.0	96.2	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥300	67.4	87.0	92.9	93.6	95.5	95.5	96.6	96.8	96.8	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥200	67.4	87.0	92.6	93.6	95.5	95.5	96.7	96.9	96.9	97.5	97.8	97.8	97.9	97.9	98.0	98.0
≥100	67.4	87.0	92.6	93.6	95.5	95.5	96.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.7	98.6
≥0	67.4	87.0	92.6	93.6	95.5	95.5	96.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5196

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2.240 MONTEPEY FAA CA

73-79

ALL MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	44.6	53.2	54.3	54.6	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 20000	47.6	56.6	57.8	58.2	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 18000	47.9	57.0	58.2	58.5	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3
≥ 16000	47.9	57.1	58.2	58.5	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3
≥ 14000	48.6	57.9	59.1	59.4	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2
≥ 12000	48.9	58.3	59.5	59.8	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
≥ 10000	49.5	59.3	60.5	61.0	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 9000	49.8	59.4	60.6	61.1	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8
≥ 8000	50.2	59.9	61.2	61.5	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 7000	50.4	60.2	61.4	61.8	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 6000	50.9	60.8	62.1	62.5	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 5000	51.9	62.1	63.4	63.8	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 4500	52.1	62.4	63.8	64.2	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 4000	53.3	64.1	65.4	65.8	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 3500	54.1	64.9	66.3	66.7	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 3000	55.2	66.6	68.2	68.6	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 2500	56.2	68.1	69.7	70.2	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 2000	57.5	70.4	72.3	72.8	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.7
≥ 1800	57.8	70.7	72.6	73.1	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0
≥ 1500	59.1	73.3	75.1	75.6	76.1	76.1	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6
≥ 1200	59.8	74.8	77.1	77.7	78.2	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 1000	61.2	77.9	80.7	81.4	82.0	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 900	61.3	78.6	81.7	82.4	83.1	83.1	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6
≥ 800	61.7	79.8	83.5	84.3	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 700	61.9	80.6	84.8	85.7	86.6	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 600	62.0	81.5	86.3	87.5	88.6	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 500	62.1	82.1	87.8	89.3	90.9	90.9	91.4	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 400	62.1	82.3	88.5	90.3	92.4	92.5	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 300	62.1	82.5	88.9	90.9	93.7	93.8	95.1	95.5	95.5	95.9	96.0	96.0	96.1	96.1	96.1	96.2
≥ 200	62.1	82.5	89.9	90.9	93.8	93.9	95.6	96.1	96.1	96.9	97.3	97.3	97.6	97.6	97.7	97.7
≥ 100	62.1	82.5	88.9	90.9	93.8	94.0	95.6	96.2	96.2	97.1	97.6	97.6	98.2	98.2	98.7	98.9
0	62.1	82.5	88.9	90.9	93.8	94.0	95.6	96.2	96.2	97.1	97.7	97.7	98.2	98.2	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 61240

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY
SIGNIFICANT.

SKY COVER

73-79

JAN

5-6-04

3. A. 24, 25, 26

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MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	0-02	47.7			15.4						12.0	25.0	4.0	644
	3-05	45.2			13.1						17.2	24.4	4.4	639
	06-08	36.4			18.9						17.5	27.1	4.9	645
	9-11	25.3			19.3						27.2	28.1	5.8	636
	12-14	23.0			21.0						26.6	29.3	6.0	638
	15-17	20.4			21.7						27.8	30.1	6.2	637
	18-20	29.0			22.9						22.7	25.4	5.3	642
	21-23	41.4			19.4						15.3	23.9	4.4	645
TOTALS		33.6			19.0						20.8	26.7	5.1	5126

2

Index

Abstract

Figure 1

Best Value

STATION NAME

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GLOBAL CLIMATOLOGY BRANCH														
USAFETAC														
AIR WEATHER SERVICE/MAC														
SKY COVER														
23255		MONTEREY FAA CA		73-79		MAR								
STATION		STATION NAME		PERIOD		MONTH								
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)														
MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
MAR	01-02	28.9			14.0						21.3	35.9	5.9	644
	03-05	31.6			11.8						18.6	38.0	5.8	645
	06-08	19.3			19.3						22.5	39.0	6.5	644
	09-11	16.4			25.7						20.5	37.4	6.4	639
	12-14	15.7			27.3						25.2	31.8	6.3	642
	15-17	13.4			28.5						27.0	31.2	6.4	629
	18-20	14.9			24.6						25.5	35.0	6.5	646
	21-23	26.3			20.0						18.6	35.4	5.8	639
TOTALS		20.8			21.4						22.4	35.5	6.2	5128

MAR

MONIH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	01-02	28.9			14.0						21.3	35.9	5.9	644
	03-05	31.6			11.8						18.6	38.0	5.8	645
	06-08	19.3			19.3						22.5	39.0	6.5	644
	09-11	16.4			25.7						20.5	37.4	6.4	639
	12-14	15.7			27.3						25.2	31.8	6.3	642
	15-17	13.4			28.5						27.0	31.2	6.4	629
	18-20	14.9			24.6						25.5	35.0	6.5	646
	21-23	26.0			20.0						18.6	35.4	5.8	639
TOTALS		20.8			21.4						22.4	35.5	6.2	5128

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23259 MONTEREY FAA CA

73-79

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	32.1			21.3						19.9	26.7	5.1	619
	03-05	26.9			19.1						16.3	37.8	5.8	614
	06-08	24.1			19.7						19.8	36.4	6.0	615
	09-11	27.9			23.8						22.3	26.1	5.3	610
	12-14	28.2			31.7						23.5	16.6	4.7	621
	15-17	25.2			30.4						26.1	18.3	5.1	612
	18-20	21.6			30.5						25.1	22.9	5.5	617
	21-23	32.3			27.3						17.7	22.7	4.7	620
TOTALS		27.3			25.5						21.3	25.9	5.3	4928

USAFETAC

FORM
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0-9-5 (OL A)

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73-79

MAY

STATION

STATION NAME

PERIOD

MONIM

100

SKY COVER

JUN

YOUNG

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	0-02	28.3			11.6						9.2	51.0	6.3	622
	03-05	19.5			12.8						9.7	58.0	7.1	610
	06-08	17.3			13.9						11.5	57.4	7.2	619
	09-11	27.3			22.0						14.7	35.9	5.6	626
	12-14	36.2			33.2						15.7	14.9	3.9	618
	15-17	38.1			29.1						16.8	16.0	4.0	625
	18-20	33.6			23.5						15.3	27.7	4.8	622
	21-23	33.1			15.7						10.5	40.7	5.5	626
TOTALS		29.2			20.2						12.9	37.7	5.6	4968

SKY COVER

73-79

JUL

STATION

STATION NAME

11405

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	0-02	25.6			8.4						6.9	59.1	6.8	641
	3-05	15.3			6.0						5.6	73.0	8.0	645
	6-08	12.1			8.5						6.3	73.2	8.1	639
	9-11	27.1			22.2						11.7	39.0	5.6	643
	12-14	45.6			32.7						12.9	8.8	3.7	645
	15-17	46.4			31.4						12.8	9.4	3.0	649
	18-20	29.8			23.7						17.2	29.3	5.2	645
	21-23	25.2			15.9						9.4	49.5	6.3	647
TOTALS		28.4			18.6						10.4	42.7	5.8	5154

SKY COVER

AUG

408-1m

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	20.7			10.3						7.8	61.3	7.1	643
	03-05	14.4			5.9						6.8	72.9	8.1	645
	06-08	10.6			9.5						6.1	71.7	8.2	639
	09-11	24.5			20.4						13.5	41.6	6.0	646
	12-14	43.0			29.7						12.2	15.0	3.5	646
	15-17	42.3			29.1						15.6	13.0	3.6	640
	18-20	25.0			20.3						21.3	33.3	5.9	639
	21-23	24.9			16.3						11.4	47.4	6.3	643
TOTALS		25.7			17.7						12.1	44.5	6.1	5141

2

Agenda

Agenda

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SKY COVER

73-79

OCT

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STATE OF TEXAS,
COUNTY OF DALLAS.

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MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	40.8			11.1						9.7	38.3	5.0	637
	03-05	36.6			10.4						8.7	44.3	5.5	632
	06-08	30.0			13.4						16.1	40.5	5.9	629
	09-11	36.5			20.2						18.1	25.2	4.8	635
	12-14	43.7			23.6						22.5	10.3	3.8	641
	15-17	39.6			26.9						21.9	11.6	3.9	644
	18-20	38.4			20.4						16.6	24.6	4.6	643
	21-23	44.3			13.5						13.5	28.8	4.5	639
TOTALS		38.7			17.4						15.9	28.0	4.8	5100

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USAFETAC

FORM 0-9-5 (OL A)

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SKY COVER

73-79

DEC

STATION

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MONTH	HOURS [LST.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	0-02	59.1			9.1						8.8	23.0	3.4	638
	03-05	56.9			11.5						10.4	21.1	3.4	634
	06-08	44.4			15.3						17.8	22.6	4.3	642
	09-11	33.2			18.2						23.5	25.2	5.2	639
	12-14	31.6			21.7						23.5	23.2	5.1	637
	15-17	31.1			21.7						24.5	22.7	5.1	640
	18-20	43.7			18.2						16.2	21.8	4.2	647
	21-23	57.5			10.1						11.5	20.9	3.4	636
TOTALS		44.7			15.7						17.0	22.6	4.3	5113

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23259 MONTEREY FAA CA

73-79

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	33.6			19.8						20.8	26.7	5.1	5126
FEB		24.8			21.6						22.8	30.9	5.8	4620
MAR		20.8			21.4						22.4	35.5	6.2	5128
APR		27.3			25.5						21.3	25.9	5.3	4928
MAY		29.2			27.5						16.3	34.0	5.5	5149
JUN		29.2			20.2						12.9	37.7	5.6	4968
JUL		28.4			18.6						10.4	42.7	5.8	5154
AUG		25.7			17.7						12.1	44.5	6.1	5141
SEP		33.7			16.8						11.9	37.6	5.4	4966
OCT		36.7			17.4						15.9	28.0	4.8	5100
NOV		40.7			19.5						18.6	21.2	4.4	4970
DEC		44.7			15.7						17.0	22.6	4.3	5113
TOTALS		31.4			19.5						16.9	32.3	5.4	60343

USAFETAC

FORM 8-9-5 (OL A)

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values are not shown for stations which do not include mean values for the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine method for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PSYCHROMETRIC SUMMARY

73-79

JAN
MONTH

PAGE 1 130-0200
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION MONTEPLY FAA CA

73-79

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47-50				.1														1	1		
46-49			.1	.1														1	1		
45-48		.1	.1	.1														3	3		
44-47		.1	.1	.1	.1													19	19	6	3
43-46		.1	.1	.1	.1	.1												10	10	14	9
42-45		.1	.1	.1	.1	.1	.1											26	26	12	10
41-44	1.1	4.4	1.1	.2	.4	.3	.2											50	50	27	22
40-43	1.1	4.8	1.1	1.1	.2	.3	.5											52	52	59	41
39-42	1.1	7.9	1.9	3.7	.6													96	96	39	45
38-41	.5	7.1	3.0	2.7	.3	.5												89	89	69	51
37-40	.1	5.9	2.2	1.4														62	62	77	44
36-39	.5	8.6	2.9	2.1														89	89	103	48
35-38	1.1	4.4	2.9	.5														57	58	71	63
34-37		3.7	1.7	2.2														43	43	66	56
33-36	.5	1.7	1.1	.5														24	24	44	72
32-35		.1	.1	.3														6	6	23	44
31-34																				17	33
30-33		.1																2	2	6	30
29-32																					16
28-31																					15
27-30																					6
26-29																					10
25-28																					4
24-27																					3
TOTAL	.1	53.7	19.7	15.6	2.1	1.6	.2											630	631	630	630

PSYCHROMETRIC SUMMARY

2770	MONTEREY FAA CA
STATION	STATION NAME

75-79

YEARS

JAN
MONTH

PAGE 1 2600-0860
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-70

44.

STAT-ON

STATION NAME

YEARS

MONTH

PAGE 1

12.12-1465

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7- / 77																			2	2				
7- / 75																			3	3				
7- / 73																			10	10				
7- / 71																			6	6				
7- / 69																			10	10				
7- / 67																			17	17				
6- / 65			.2	.2		.6	1.1	1.1											20	20				
6- / 63			.3	.3	1.1	1.3	.8		.3										27	27				
6- / 61		.8	.6	1.0	1.4	.6	.5	.3											33	33	2			
6- / 59	.4	.6	2.7	3.8	2.9	1.7	.3	.2	.2										79	79	17			
6- / 57	.5	1.9	3.8	4.6	2.1	1.6	1.3	.2	.2										101	101	30			
6- / 55	.2	2.5	4.3	5.1	2.1	1.6	1.4	.3											113	113	31			
6- / 53		1.1	4.4	5.3	1.4	1.9	1.1												95	95	18			
6- / 51	.2	1.4	2.4	1.9	2.9	1.1	.9												62	62	10			
6- / 49		.8	1.3	1.1	.2	.5	.2												25	25	17			
6- / 47	.5	.6	.5	.2	.3														12	12	6			
6- / 45	.2	.5	.5																7	7	5			
6- / 43		1.1	.2																7	7	4			
6- / 41		.2																	1	1	2			
6- / 39																					6			
6- / 37																					1			
6- / 35																					4			
6- / 33																					24			
6- / 31																					23			
6- / 29																					13			
6- / 27																					11			
6- / 25																					9			
6- / 23																					4			
6- / 21																					2			
TOTAL	1.4	11.3	21.6	23.4	14.0	10.8	8.4	4.0	3.3	1.1	.3								630	630	630			
																			630		630			
				</																				

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-79

444

STATION

STATION NAME

YEARS

MONTH

PAGE 4

7920-1143

HOURS 11.5. T.

[illegible]

PSYCHROMETRIC SUMMARY

27710 MONTEREY FAA CA

73-75

142

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1575-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-78

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সময়

PAGE : 1676-2050
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

23279 MONTEREY FAA CA

73-74

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
 USAFOTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2327 MONTEREY FAA CA

73-79

JAN
 MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/77																		3	3								
71/75																		7	7								
72/73																		19	19								
73/71																		11	11								
74/69																		18	18								
75/67																		24	24								
76/65																		46	46								
77/63																		54	54								
78/61																		106	106	4	1						
79/59																		207	207	43	13						
80/57																		347	347	94	49						
81/55																		427	427	227	76						
82/53																		491	491	353	146						
83/51																		640	640	523	255						
84/49																		576	576	675	443						
85/47																		519	519	596	559						
86/45																		452	452	602	535						
87/43																		371	371	546	488						
88/41																		319	319	494	444						
89/39																		231	232	339	495						
90/37																		123	123	261	372						
91/35																		67	67	156	356						
92/33																		15	15	92	246						
93/31																		6	6	49	185						
94/29																		2	2	14	147						
95/27																				3	91						
96/25																					76						
97/23																					41						
98/21																					33						
99/19																					16						
100/17																					5						
101/15																					3						
102/13																					1						
Element (X)	Σ X ²				Σ X				R				P _R				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR (EDITION OF THIS FORM ARE OBSOLETE)

PSYCHROMETRIC SUMMARY

272. MONTEREY FAA CA

71-79

443

STATION

STATION NAME

YEARS

MONTH

PAGE 2

411

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
1	.43	5.82	4.91	7.0	7.0	4.5	2.5	1.2	.4	.3	.2							5.81	5.82	5.81														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	33280911	382281	75.2	16.831	5081	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																						
Dry Bulb	13502416	254622	50.1	6.946	5082		1.2	12.0	4.2			744																						
Wet Bulb	11607933	234563	46.2	5.943	5081		9.7					744																						
Dew Point	9187254	212604	41.8	7.572	5081		68.3					744																						

PSYCHROMETRIC SUMMARY

YEARS

253
MONTH

PAGE : 207E-22.3
(HOURS H. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEF

PAGE : 0300-05:0
 MONTH : 11-1-1

[illegible]

PSYCHROMETRIC SUMMARY

75-79

110

STAT:25

STATION NAME

YEARS

NOTES

Page 4

7226-1112

NOTES IN S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
77																		1	2																
76						.5		.2										4	3																
75							.2	.2										1	1																
74				.4					.2									4	4																
73				.2	.2	1.2	.2	.6										11	11																
72			.2	1.6	.7	1.1	.6	.2										23	23	1															
71		1.2	1.9	1.3	.5	1.6	.5	.2										44	44	4															
70		1.2	3.1	3.5	2.1	.7	.3		.2									54	54	15															
69		2.5	5.3	4.4	1.9	.9	.2	.4	.2									93	96	39	13														
68	.2	2.3	7.1	5.1	1.9	.7	.4											105	105	59	25														
67	.2	3.7	8.6	2.3	.7	.4	.5											93	94	27	32														
66	.2	3.7	4.4	2.3	1.4	.2												59	59	128	57														
65		3.2	1.4	.7	.2	.2												32	32	116	95														
64	.2	.7	.5		.4													10	10	62	91														
63		.7	.7															8	8	23	81														
62	.2	.4																3	3	22	57														
61		.2		.2														2	2	7	32														
60		.2																1	1	5	27														
59																				1	19														
58																					8														
57																					11														
56																					1														
55																					7														
54																					2														
53																					3														
52																					3														
51																					1														
TOTAL		.923	.131	.623	.217	.0	7.2	3.0	1.4	.5								563	573	558	563														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Main No. of Hours with Temperature						Total
Rel. Hum.	3.21657	40567	71.44	4.805	566	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	165164	30546	54.1	4.665	570			.9				54
Wet Bulb	138961	28780	49.3	4.756	568							84
Dew Point	114436	25253	44.5	6.177	568		4.2					84

PSYCHROMETRIC SUMMARY

73-79

23

STAT 15.04

STATION NAME

YEARS

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PAGE 3

1253-142
HOURS (L. S. T.)

[illegible]

U.S.A.ETAC FORM 0.26-5 (Q. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2000 MONTEREY FAA CA

73-79

1255

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7/ 79																		1	1			
7/ 77																		1	1			
7/ 69																		2	2			
7/ 67																		9	9			
67/ 65																		11	11			
64/ 60					.7	1.0	1.2	.3										22	22			
7/ 57			.4	1.2	2.2	1.9	1.7											43	43			
7/ 54			.3	4.1	5.1	2.1	.9	.2	1.1									79	79			
7/ 57			1.7	7.9	6.6	2.6	.9	.2	.3									118	118	37	2	
5/ 55			4.3	9.7	5.4	2.2	.2		.2									127	127	59	14	
7/ 53			3.7	4.8	7.8	1.9	.2		.2									104	104	131	42	
7/ 50		.1	2.1	3.6	1.2	1.1												49	49	130	77	
7/ 49		.1	.7	.3	.2													8	8	112	12	
7/ 47				.5														3	3	59	94	
7/ 45			.5	.9														8	8	19	95	
7/ 43																				11	44	
7/ 41																				7	41	
7/ 39																					22	
7/ 37																					17	
7/ 35																					12	
3/ 33																					3	
7/ 31																					8	
7/ 29																					1	
7/ 27																					1	
7/ 25																					3	
7/ 23																						
TOTAL		.5	13.1	32.6	29.5	13.7	5.9	1.7	2.6	.7	.3						.2		572	579	579	579

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	2955459	4.599	70.113	7.13	579	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1880397	32913	56.8	4.048	579			1.9	.1	.1		64
Wet Bulb	1947588	33872	51.6	3.333	579							5
Dew Point	1276826	27010	46.6	5.392	579		2.0					8

PSYCHROMETRIC SUMMARY

23200 MONTEREY FAA CA

73-79

113

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1875-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

File

STAT-CN

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0. .5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-79

STATION

STATION NAME

YEARS

MAF
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

YEARS

422
MONTH

PAGE 5

230-2500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

443

STATION

STATION NAME

YEARS

MONTH

PAGE 1

3620-2807
HOURS (1 - 5 P.M.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
- / -								.2										1	1															
6 / 63			.1															1	1															
4 / 63				.2		.2												2	2															
1 / 61			.6															4	4	1														
1 / 59			.6		.3	.2												6	6	1	1													
1 / E		.5	.6	.3	.3													11	11	6														
5 / 55	.3	.5	1.7	.5	.2													21	21	13	7													
4 / 53	.8	4.9	3.1	.6	.5													63	63	21	21													
1 / 51	1.4	9.5	7.8	1.1	.2	.3	.1											132	132	75	33													
1 / 49	.6	7.5	6.9	2.8	.6	.3												123	120	86	59													
3 / 47	.5	8.1	5.1	.9	.2													94	95	130	93													
1 / 45	.3	7.3	5.9	.8	.2	.2												96	87	81	98													
4 / 45	.1	3.6	1.7	.8														40	40	95	75													
2 / 41		2.3	1.7	.3	.3													29	29	59	7													
1 / 36	.2	1.4	1.3	.5	.2													22	17	32	64													
1 / 31		.9																6	6	27	51													
1 / 30		.2																1	1	8	31													
3 / 33																				4	13													
1 / 30																				1	15													
1 / 27																					6													
1 / 25																					4													
1 / 23																					3													
1 / 19																					2													
TOTAL	.2	46.5	36.3	8.8	2.5	1.1	.3	.2										639	641	639	639													

Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	43.9927	51947	81.3	11.573	639	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1554613	31434	49.	4.528	661			.1				93
Wet Bulb	138127	29583	46.3	4.598	639							93
Dew Point	1223313	27689	43.3	6.069	639		4.9					93

PSYCHROMETRIC SUMMARY

73-78

YEARS

402

MONTH

PAGE 1

7936-1102
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

442

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1410
HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-70

MAZ
MONTE

PAGE 1 1570-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-79

425

STATION

STATION NAME

YEARS

MONTH

PAGE 1

15 13-2000
HOURS 11-5-1-1

[illegible]

PSYCHROMETRIC SUMMARY

73-7c

456

STATION	STATION NAME
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100	100

YEARS

MONTH

PAGE 2

21-4-23

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
41 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

272 P MONTPEY FAA CA

75-79

4AP

STATION

STATION NAME

YEARS

MOON

PAGE 1

ALL

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
7/ 79																																				
7/ 77																																				
7/ 75																																				
7/ 72																																				
7/ 69																																				
7/ 67																																				
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7/ 25																																				
7/ 23																																				
2/ 21																																				
7/ 19																																				
7/ 17																																				
TOTAL	2.730	0.134	0.119	0.3	0.7	2.4	1.3	0.7	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Element (X)	Z _X ²	Z _X	X	Y	Y ₂	Nr. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	30552312	389293	76.0	13.675	5119	5119	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb	14419318	270472	52.7	5.472	5128	5128	10.0					2.5	0.3	744																						
Wet Bulb	123.5268	249584	45.8	4.577	5119	5119	0.1					0.1	0.1	744																						
Dew Point	19511247	233061	44.9	5.792	5119	5119	21.5					0.1	0.1	744																						

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

23219 MONTEREY FAA CA

73-70

422

STATION

STATION NAME

YEARS

MONTH

PAGE 4

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

403

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2630-5853
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-79

ADD

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0930-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

APC

STATION

STATION NAME

YEARS

MONTH

PAGE : 1230-1002
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

22239 MONTEPEY FAA CA

73-79

422

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

2325	MONTEREY FAA CA
STATION	STAT

73-79

482

STATION

STATION NAME

YEARS

MONTH

PAGE 10

1800-2200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

21277 MONTEREY FAA CA

73-79

434

STATION

STATION NAME

YEARS

MONTH

PAGE :

2150-2324

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

232:3 MONTEREY FAA CA

73-79

403

STATION

STATION NAME

YEARS

MONTH

PAGE 1

210

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-79

434

STAT:24

STATION NAME

YEARS

MONTH

PAGE 1

2003-0202

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23204	MONTEREY FAA CA
STATION	STATION NAME

73-70

YEARS

449

PAGE 1 0506-0500
HQS (U.S.A.)

[illegible]

PSYCHROMETRIC SUMMARY

23277 MONTEREY FAA CA

73-79

229

STATION

STATION NAME

YEARS

64-28671

PAGE : 0630-0830

NOV 15 1964
NOV 15 (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27279 MONTEREY FAA CA

73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1973-1979
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/92																		1	1						
91/89																		1	1						
90/87															.2			1	1						
89/85															.2			2	2						
88/83																		2	2						
87/81																		1	1						
86/79																		4	4						
85/77																		3	3						
84/75																		10	10						
83/73																		10	10						
82/71																		15	15						
81/69																		20	20						
80/67																		35	35						
79/65																		67	68						
78/63																		103	103						
77/61																		122	122						
76/59																		117	117						
75/57																		93	93						
74/55																		35	35						
73/53																		3	3						
72/51																									
71/49																									
70/47																									
69/45																									
68/43																									
67/41																									
66/39																									
65/37																									
64/35																									
63/33																									
TOTAL		9.0	30.7	33.0	18.4	4.0	1.4	1.1	1.1	.5					.3	.2		645	646		645				
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	3263311		45259		70.2		11.638		645		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F				
Dry Bulb	2251062		37972		58.8		5.436		646						7.2		2.2				.9				
Wet Bulb	1841093		34387		53.3		3.483		645																
Dew Point	1535641		31377		48.6		3.792		645																

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23249 MONTEREY FAA CA

73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
97																		.2	1				
96																		.2	1				
93																			1	1			
90																			3	3			
87										.3		.3							4	4			
84										.2	.2	.2							4	4			
81										.2	.5								4	4			
78											.2								1	1			
76								.1	.5		.3								7	7			
74								.8	.5										8	8			
72							.2	.6											5	5			
69				.2	.8	1.2	1.1	.3											23	23			
67				.2	2.3	1.8	.3	.2	.1										32	32			
65			.2	.9	4.6	2.2	.6												55	55	5		
64			.5	4.8	4.8	2.2													79	81	12		
62			.9	7.7	6.5	1.1	.2												106	106	24		
59		.3	3.1	9.1	7.4	1.4													137	137	52		
57		.3	4.3	7.3	3.8	.3													102	102	103		
55		.6	2.6	3.1	1.1	.2													49	49	133		
53		.2	2.8	.8															23	23	146		
51	.2	.1																	3	3	115		
49		.3	.2																3	3	49		
47																					6		
45																					129		
43																							
41																							
39																							
37																							
35																							
TOTAL	.2	1.9	14.5	33.8	31.2	10.2	3.9	1.4	.9	1.1	.5					.2	.3		647	645			
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2752328		41620		64.3		10.776		647		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2497319		43050		61.8		5.665		648				12.9	4.3	1.7	.4	93						
Wet Bulb	1961244		35551		54.9		3.501		647				.3				93						
Dew Point	1375859		31833		49.2		3.863		647								93						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/95																	.2	.2	1	1															
67/95																			1	1															
87/87																	.2		1	1															
87/85												.2				.2		1	1																
47/83												.2	.3					3	3																
77/8												.2						1	1																
77/79										.4								4	4																
87/77									.2		.2							2	2																
87/75									.2	.2								4	4																
47/73									.4									13	13																
27/73							.2	.2			.3							6	6																
77/69						.3	.9	.9	.3									16	16																
67/67				.2	.9	1.4	.9											22	22																
67/65				1.4	3.4	2.3	.3	.3										50	50	3															
47/63			.3	3.7	3.1	3.3												67	67	12															
27/61			1.6	5.4	5.4	.6	.2											82	83	16															
77/59			2.3	8.2	5.7	.5												108	108	46															
57/57		.5	4.2	8.1	5.1	.2												116	116	87	5														
57/55		.9	5.9	6.2	1.5	.3												96	96	104	27														
47/53	.2	.9	2.9	2.1														39	39	143	75														
27/51		1.1	.3	.2														10	10	137	92														
57/49		.3																2	2	86	122														
45/47																				10	134														
46/45																				1	105														
47/43																					54														
27/41																					16														
47/39																					7														
38/37																					6														
TOTAL	.2	3.7	17.5	35.3	25.1	9.9	3.4	1.7	1.2	.8	.3	.3		.2	.2		.2	645	646	645	645														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	2832296																																		

PSYCHROMETRIC SUMMARY

MAY

MONTH

1670-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-77

447

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

42 Y
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

JUN
MONTH

PAGE 11

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JULY
MONTH

PAGE : 0374-0507
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-73

444

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2620-0820
HOURS 11-5-1

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0.26-\$ (OL A) REVISED PREVIOUS EDITIONS (IF THIS FORM ARE OBSOLETE)

272-0 MONTEREY F&A CA

STAT-24

STATION NAME

73-75

YEARS

234

MONTH

PAGE 1

1605-2550

MOOREHEAD (L. S. T.)

PSYCHROMETRIC SUMMARY

[illegible]

PSYCHROMETRIC SUMMARY

73-79

JUN

STATION

STATION NAME

YEARS

50
MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
99																			4	4												
98																			1	1												
95																			4	4												
94																			4	4												
91																			9	9												
90																			18	18												
87																			16	16												
86																			25	25												
84																			34	34												
81																			43	43												
80																			61	61												
79																			135	135												
65																			199	199												
64																			347	347												
61																			471	471												
59																			547	547												
57																			578	578												
55																			778	778												
53																			923	923												
51																			613	613												
49																			151	151												
47																			17	17												
45																																
44																																
43																																
42																																
41																																
39																																
38																																
36																																
34																																
32																																
TOTAL	2.2	30.6	29.3	20.5	10.0	3.9	1.3	.8	.4	.3	.4	.2	.0	.1	.0				4985	4985		4985										
Element (X)	Σx'			Σx			X			σ<																						

JSAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

JUL
MONTANA

STATION

STATION NAME

YEARS

MONTH

DATE

000-0231
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

7304-2554

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

 JUL
MONTH

PAGE 1

3570-08
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM	0-26-5 (01 A)
1. NAME OF THE ORGANIZATION	
2. ADDRESS	
3. CITY	
4. STATE	
5. ZIP CODE	
6. PHONE NUMBER	
7. FAX NUMBER	
8. E-MAIL ADDRESS	
9. TYPE OF ORGANIZATION	
10. DATE OF ESTABLISHMENT	
11. NUMBER OF MEMBERS	
12. NUMBER OF VOLUNTEERS	
13. NUMBER OF STAFF	
14. BUDGET	
15. FUNDING SOURCE	
16. TYPE OF SERVICE	
17. DATE OF SERVICE	
18. LOCATION OF SERVICE	
19. TYPE OF EQUIPMENT	
20. DATE OF EQUIPMENT	
21. LOCATION OF EQUIPMENT	
22. TYPE OF MATERIALS	
23. DATE OF MATERIALS	
24. LOCATION OF MATERIALS	
25. TYPE OF SERVICES	
26. DATE OF SERVICES	
27. LOCATION OF SERVICES	
28. TYPE OF PERSONNEL	
29. DATE OF PERSONNEL	
30. LOCATION OF PERSONNEL	
31. TYPE OF FACILITIES	
32. DATE OF FACILITIES	
33. LOCATION OF FACILITIES	
34. TYPE OF PROGRAMS	
35. DATE OF PROGRAMS	
36. LOCATION OF PROGRAMS	
37. TYPE OF ACTIVITIES	
38. DATE OF ACTIVITIES	
39. LOCATION OF ACTIVITIES	
40. TYPE OF RESULTS	
41. DATE OF RESULTS	
42. LOCATION OF RESULTS	
43. TYPE OF EVALUATION	
44. DATE OF EVALUATION	
45. LOCATION OF EVALUATION	
46. TYPE OF IMPROVEMENTS	
47. DATE OF IMPROVEMENTS	
48. LOCATION OF IMPROVEMENTS	
49. TYPE OF RECOMMENDATIONS	
50. DATE OF RECOMMENDATIONS	
51. LOCATION OF RECOMMENDATIONS	
52. TYPE OF ACTIONS	
53. DATE OF ACTIONS	
54. LOCATION OF ACTIONS	
55. TYPE OF OUTCOMES	
56. DATE OF OUTCOMES	
57. LOCATION OF OUTCOMES	
58. TYPE OF IMPACTS	
59. DATE OF IMPACTS	
60. LOCATION OF IMPACTS	
61. TYPE OF BENEFITS	
62. DATE OF BENEFITS	
63. LOCATION OF BENEFITS	
64. TYPE OF CHALLENGES	
65. DATE OF CHALLENGES	
66. LOCATION OF CHALLENGES	
67. TYPE OF OPPORTUNITIES	
68. DATE OF OPPORTUNITIES	
69. LOCATION OF OPPORTUNITIES	
70. TYPE OF RISKS	
71. DATE OF RISKS	
72. LOCATION OF RISKS	
73. TYPE OF MITIGATIONS	
74. DATE OF MITIGATIONS	
75. LOCATION OF MITIGATIONS	
76. TYPE OF MONITORING	
77. DATE OF MONITORING	
78. LOCATION OF MONITORING	
79. TYPE OF REPORTING	
80. DATE OF REPORTING	
81. LOCATION OF REPORTING	
82. TYPE OF EVALUATION	
83. DATE OF EVALUATION	
84. LOCATION OF EVALUATION	
85. TYPE OF IMPROVEMENTS	
86. DATE OF IMPROVEMENTS	
87. LOCATION OF IMPROVEMENTS	
88. TYPE OF RECOMMENDATIONS	
89. DATE OF RECOMMENDATIONS	
90. LOCATION OF RECOMMENDATIONS	
91. TYPE OF ACTIONS	
92. DATE OF ACTIONS	
93. LOCATION OF ACTIONS	
94. TYPE OF OUTCOMES	
95. DATE OF OUTCOMES	
96. LOCATION OF OUTCOMES	
97. TYPE OF IMPACTS	
98. DATE OF IMPACTS	
99. LOCATION OF IMPACTS	
100. TYPE OF BENEFITS	
101. DATE OF BENEFITS	
102. LOCATION OF BENEFITS	
103. TYPE OF CHALLENGES	
104. DATE OF CHALLENGES	
105. LOCATION OF CHALLENGES	
106. TYPE OF OPPORTUNITIES	
107. DATE OF OPPORTUNITIES	
108. LOCATION OF OPPORTUNITIES	
109. TYPE OF RISKS	
110. DATE OF RISKS	
111. LOCATION OF RISKS	
112. TYPE OF MITIGATIONS	
113. DATE OF MITIGATIONS	
114. LOCATION OF MITIGATIONS	
115. TYPE OF MONITORING	
116. DATE OF MONITORING	
117. LOCATION OF MONITORING	
118. TYPE OF REPORTING	
119. DATE OF REPORTING	
120. LOCATION OF REPORTING	

PSYCHROMETRIC SUMMARY

73-79

YEARS

Jul
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

444

MONTH

1500-1700

HOURS (L - S - T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

75-79

444

STATION

STATION NAME

YEARS

MONTH

PAGE 1 100-2763
HOURS 11. 5. 11

[illegible]

USAFETAC
FORM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

444

STATION

STATION NAME

YEARS

MONTH

PAGE : 2100-2300
NOV 11 1964

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

15

44-38861-1000

[illegible]

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USAFETAC

PSYCHROMETRIC SUMMARY

73-79

415

STATION

STATION NAME

YEARS

MCNIA

PAGE 1 030J-0500
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
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0-20.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

2000 CONTINUED PAGE 04

73-70

443

STATISTICS

STATION NAME

YEARS

PAGE 14

PAGE 1

7620-1300

MOBILS 14, 5, 7.1

[illegible]

PSYCHROMETRIC SUMMARY

2344	MONTEREY FAA CA
STATION	STATION NAME

73-79

YEARS

AJ3
MONTH

PAGE : 7904-110
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

232.9
STATION

MONTEREY FAA CA

73-79

444

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-73

443

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1850-2050
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26.5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

YEARS

253
MONTH

PAGE 1

2400-2300
HOURS (L. S. T.)

[illegible]

JSAFETAC
FORM
NAL 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23219 MONTEPEY FAA CA

73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
79																		3	3		
78																		6	6		
77																		16	16		
76																		25	25		
75																		87	87		
74																		175	175		
73																		266	266	11	2
72																		407	407	26	7
71																		508	508	141	8
70																		609	609	376	43
69																		832	832	843	184
68																		612	915	1286	653
67																		786	789	1161	1225
66																		424	440	944	1693
65																		133	137	294	1725
64																		2	2	49	248
63																				2	33
62																					11
61																					3
60																					3
TOTAL	7.2	41.6	26.4	18.0	8.2	2.8	.5	.1	.1									5136	5166	5136	5136

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 3

0000-07-30
HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

554

STATION

STATION NAME

YEARS

MONITOR

PAGE 1

338-2324

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

252

5542

STATION NAME

YEARS

MONTH

PAGE 2

3502-08
HOURS (L. S. T.)

[illegible]

ILLUSTRATED BY MICHAEL LEWIS

0.26.5 (OL A)

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23297 MONTEREY FAA CA

73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
7/91																												
7/89																												
6/87																												
6/85																												
5/83																												
5/81																												
4/79																												
4/77																												
4/75																												
4/73																												
4/71																												
4/69																												
4/67																												
4/65																												
4/63																												
4/61																												
4/59																												
4/57																												
4/55																												
4/53																												
4/51																												
4/49																												
4/47																												
4/45																												
4/43																												
4/41																												
4/39																												
4/37																												
4/35																												
TOTAL	1.1	22.9	27.2	26.3	12.8	3.2	1.4	1.0	1.1	1.4	.2	1.0	.2		.2													
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total											
Rel. Hum.	3595833		46579		74.6		13.813		624		≤ 32 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2512139		39425		63.2		5.837		624				18.8	5.5	2.5		93											
Wet Bulb	2117249		36295		56.2		3.141		624				1.2				93											
Dew Point	1856276		33963		54.4		3.599		624								93											

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

554

MONTE

127C-14

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
57/50																	.2	1	1																
57/50																.2		2	2																
57/50																	.2	1	1																
57/50													.3					2	2																
57/50												.1	.1	.2				5	5																
57/50												.2						1	1																
57/50									.3		.5							1	1																
57/50									.3									5	5																
57/50									.8	.5								8	8																
57/50							.3	.3										6	5																
57/50					.1	1.1	.3	.6										17	17																
57/50					.3	1.7	1.7	.2										28	29																
57/50				.2	3.2	1.7	.8		.2									36	39																
57/50			.2	2.9	5.7	2.2	.2	.2	.6									75	75																
57/50		.2	.5	3.7	5.6	2.1	.2											76	75	7															
57/50		.2	4.1	9.7	5.9	.6	.2											130	132	35															
57/50			5.6	10.7	1.7	.6												117	117	83	5														
57/50		1.1	5.4	5.4	.8	.2												86	86	131	22														
57/50		.3	3.0	.6	.2													28	26	182	63														
57/50			.6															4	4	131	135														
57/50																				47	147														
57/50																				11	182														
57/50																				2	74														
57/50																					11														
57/50																					13														
57/50																					9														
57/50																					1														
57/50																					1														
57/50																					3														
57/50																					2														
57/50																					1														
TOTAL		1.620	.333	.124	.310	.3	3.7	2.5	1.4	.2	.6	.5	.6	.3	.2	.3			629		629														
																			629		629														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2912793	42098	66.9	12.315	629	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb	2640801	42125	67.0	5.476	629			38.1	11.5	2.9	.2	92																							
Wet Bulb	2271190	37754	60.0	2.852	629			1.0				92																							
Dew Point	1914605	34627	55.1	3.648	629							90																							

PSYCHROMETRIC SUMMARY

73-79

STATION

STATION NAME

YEARS

Subject:

Page 6

Journal of Management Inquiry 23(1)

HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
-------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]

0-26.5 (OLA)

JSAFETAC

PSYCHROMETRIC SUMMARY

73-70

参考文献

STATION NAME

YEARS

100

PAGE 10
NOV 19 1964

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-79

422

STAT-24

STATION NAME

YEARS

M507A

PAGE 1

2172-23

[illegible]

PSYCHROMETRIC SUMMARY

222-0 MONTEREY FAA CA
STATION STAT

73-79

SEP
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2309	PONTEREY FAA CA
STATION	STATION NAME

73-79

YEARS

OCT
MONTH

PAGE 1

0000-0232
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

251

STATION

STATION NAME

YEARS

MONTH

PAGE 1

733-054
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

 OCT
MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM

PSYCHROMETRIC SUMMARY

23275	MONTEREY FAA CA
STATION	STATION NAME

73-79

YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
4/ 54											.1								1	1												
5/ 55										.1									2	2												
6/ 56									.1	.1									4	4												
7/ 57									.1	.2									4	4												
8/ 58							.1	.1	.1	.2									11	11												
9/ 59						.1	.2	.2	.3	.2									7	7												
10/ 60					.1	.2	.3	.2	.2	.2									9	9												
11/ 61				.1	.2	.3	.4	.3	.3	.2									26	26												
12/ 62			.1	.2	.3	.4	.5	.4	.4	.3									41	42												
13/ 63		.1	.2	.3	.4	.5	.6	.5	.5	.4									53	53	6	1										
14/ 64		.1	.2	.3	.4	.5	.6	.5	.5	.4									93	94	24	3										
15/ 65	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									92	92	49	11										
16/ 66	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									108	108	98	17										
17/ 67	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									79	79	114	59										
18/ 68	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									38	38	128	91										
19/ 69	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									46	46	92	112										
20/ 70	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									17	17	83	124										
21/ 71	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									9	9	33	116										
22/ 72	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									4	4	12	57										
23/ 73	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5									1	1	2	21										
24/ 74	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												10										
25/ 75	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												11										
26/ 76	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												12										
27/ 77	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												7										
28/ 78	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												4										
29/ 79	.1	.2	.3	.4	.5	.6	.7	.6	.6	.5												3										
TOTAL	1.4	1.8	4.2	8.5	21.6	14.3	7.0	3.4	2.0	1.9	.9	.6							643	645	643	643										

PSYCHROMETRIC SUMMARY

YEARS

GC
MONTH

PAGE 1 120-140
HOURS 11:50 A.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 5																		1	1																
7 / 8												.1	.3					2	2																
7 / 11										.3								3	3																
7 / 14										.3								4	4																
7 / 17									.2	.5	.8	.2						11	11																
7 / 20							.5	.3	.5	.3			.3	.2				6	6																
7 / 23					.1	.6	1.1	.2	.2		.2							16	16																
7 / 26				.2	1.5	1.1	.8	.4										25	25																
7 / 29			.3	.5	2.6	1.5	1.1	.2	.5									46	46																
7 / 32		1.1	1.9	4.3	1.7													59	59																
7 / 35		.3	1.9	7.3	5.1	.8	.3											101	101	13															
7 / 38		.3	2.2	8.4	3.3	.5	.2	.1										97	97	59															
7 / 41	.2	.8	3.1	8.5	2.9		.5											103	103	79	18														
7 / 44		1.1	7.7	5.8	1.5	.2												120	100	127	19														
7 / 47		.5	4.0	.5	.3													35	35	137	71														
7 / 50		.8	1.1	.2														13	13	141	116														
7 / 53		.8	.2															6	6	57	148														
7 / 56																				21	126														
7 / 59																																			
7 / 62																																			
7 / 65																																			
7 / 68																																			
7 / 71																																			
7 / 74																																			
7 / 77																																			
7 / 80																																			
7 / 83																																			
7 / 86																																			
7 / 89																																			
7 / 92																																			
7 / 95																																			
7 / 98																																			
7 / 101																																			
7 / 104																																			
7 / 107																																			
7 / 110																																			
TOTAL	.2	4.6	22.7	32.2	22.4	6.8	4.5	2.2	1.9	1.5	.5	.8	.5		.4				646		546														
																			646		646														
Element (X)	Σx'		Σx		X		n		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.	2995536		43100		66.7		13.639		646		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total												
Dry Bulb	2744265		42005		64.8		5.750		646						27.7		9.8		2.7				93												
Wet Bulb	2182151		37483		58.0		3.357		646								.3						93												
Dew Point	1812766		34096		52.8		4.519		646														93												

JSAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY |

73-79

CCY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1575-1717

HOURS (L, S, T.)

[illegible]

REVISIT PREVIOUS EDITIONS OF THIS FORM AND OBSERVE

0.26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

55T
MONTH

PAGE 1 2600-200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

11-70

451

STAT-05

STATION NAME

YEARS

MONITOR

945

44

MOUSE IN. S. T. J.

PSYCHROMETRIC SUMMARY

73-79

ccy

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

USAFETAC FORM NO. AA
0-26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

VCV
MONTH

PAGE 5

7534-726
MAY 14 1964

[illegible]

PSYCHROMETRIC SUMMARY

72-73

1999

Stats

STATION NAME

YEARS

100

154

31. 25.12.17

MOLES (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
57-58																		1	1																
58-59	.2		.2	.3		.2												5	5																
59-60	.2	.3		.3	.2			.3										8	8	3															
60-61		.3	.5			.2												15	15	4	3														
61-62		.7					.7											14	14	19	11														
62-63	1.1	4.5	1.8	.2	.5	.5	.3											54	54	22	20														
63-64	.5	3.8	2.2	.8	.3	.8	.5											54	56	35	27														
64-65	1.5	9.3	3.3	.8	1.2	.3												59	63	58	64														
65-66	1.6	4.5	4.5	1.2	.8	.2												76	81	90	65														
66-67	.3	8.2	1.5	1.5	1.1	.3												77	81	75	51														
67-68	.3	11.2	3.2	.7														92	92	88	64														
68-69		4.3	1.8	.2	.3													43	45	84	58														
69-70	.7	1.7	2.8		.7													35	42	56	75														
70-71	.2	1.1	.7	.5	.7													18	18	27	4														
71-72		.5	.2	.3														6	6	27	22														
72-73		.5																3	3	3	44														
73-74																				13	14														
74-75																				2	27														
75-76																					7														
76-77																					4														
77-78																					9														
78-79																					4														
79-80																					1														
80-81																					8														
81-82																					2														
TOTAL	0.753	3.22	7	6.8	6.1	2.5	1.7	.3										600	624	639	500														

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4175395	48797	81.315	5.176	600	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1535197	30775	49.3	5.268	624							90
Wet Bulb	1321967	27955	45.6	5.557	600							90
Dew Point	1171304	26790	43.9	7.733	600							90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23-11 MONTEREY FAA CA

73-79

NOV
MONTH

STATION

STATION NAME

YEARS

PAGE 1

7677-18,11
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
57 / 65										.1									1	1					
54 / 63			.2	.2						.2									3	3					
52 / 61	.3	.7		.2															7	7	5				
50 / 59	.2	1.1	.5				.2	1.1	.2										18	18	8				
48 / 57	.1	2.1				.9	.9	.3	.2										22	22	11				
46 / 55	.1	3.4	2.2	.7		.9	.3	.2											45	46	18				
44 / 53	1.1	3.7	2.8	.7		.2	.9	.2											54	54	26				
42 / 51	1.1	5.5	3.2	.3		.3	.8	.2											71	74	60				
40 / 49	1.3	5.7	4.7	2.3	1.1	.3													93	102	71				
38 / 47	1.1	6.2	1.7	1.3		.2													74	76	76				
36 / 45	1.1	7.2	3.3	1.5	.3														78	81	72				
34 / 43	.7	5.8	2.7	1.1	.7														60	60	76				
32 / 41	.1	3.2	1.7	.2	.7	.2													37	42	68				
30 / 39	.2	1.3	1.5	.3	.2	.2													25	27	23				
28 / 37		.3	.3	.3															6	7	27				
26 / 35		.2	.2	.2															3	3	14				
24 / 33																					11				
22 / 31																					4				
20 / 29																									
18 / 27																									
16 / 25																									
14 / 23																									
12 / 21																									
10 / 19																									
8 / 17																									
6 / 15																									
TOTAL	7.7	47.6	24.8	9.4		3.2	1.8	.3	.3										597	623	507				
																						597		507	597

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-77

427

STATION

STATION NAME

YEARS

MONTH

PAGE 1

19-11
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
1/ 29																		1	1									
2/ 27																		1	1									
3/ 25																		2	2									
4/ 23																		3	3									
5/ 21																		4	5									
6/ 19																		8	8									
7/ 17																		12	12									
8/ 15																		24	24									
9/ 13																		34	35	4	2							
10/ 11																		62	62	6	7							
11/ 9																		93	91	24	1							
12/ 7																		94	98	49	0							
13/ 5																		75	77	84	25							
14/ 3																		86	92	109	41							
15/ 1																		37	39	111	63							
16/ 0																		34	38	91	79							
17/ 0																		16	17	44	100							
18/ 0																		6	7	37	70							
19/ 0																		6	6	20	39							
20/ 0																		5	5	12	38							
21/ 0																		1	1	10	40							
22/ 0																				3	26							
23/ 0																				2	14							
24/ 0																				2	12							
25/ 0																					11							
26/ 0																					12							
27/ 0																					3							
28/ 0																					4							
29/ 0																					5							
30/ 0																					1							
31/ 0																					2							
TOTAL	1.714	4.820	3.328	8.813	8.810	1.4	4.5	2.7	.7	1.0	.7	.2						601	622	604	601							
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																						
Rel. Hum.	2935449	40723	67.8	17.338	601	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

27. 9
STATIO

MONTEREY FAA CA
STATION NAME

72-79

YEARS

NOV
MONTH

PAGE 2

1235-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25	MONTERLY FAA CA
STATION	STATION NAME

73-79

YEARS

NOV
MONTH

PAGE 1 150-170
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-70

NOY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2400 MONTEPEY FAA CA

73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

21-23-73
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
67/45			.2															2	2							
67/60	.3	.2	.2															3	3							
67/75	.2	.2	1.3															12	12							
67/89	.1	.3	.5			.2	.3	.3										31	34	13	3					
67/57		.8	.5	.2	.8		.1	.3										29	25	19	14					
57/55	.3	6.5	3.3	1.7	1.1	.5	.5											83	95	25	21					
67/63	.7	8.1	5.3	2.3	.1	.2												100	104	64	38					
67/71	.4	8.1	8.1	2.1	.1													115	116	97	55					
67/46	1.7	5.3	6.2	1.5	.1	.2												91	96	98	75					
67/47	.3	5.1	1.3	1.5	1.2													62	67	119	74					
67/45		3.1	2.7	.5	.3													40	41	55	95					
67/43		.5	.6	1.5	.3													19	20	39	53					
67/41			.3	.7	.3													8	10	24	50					
67/37		.2	.2	.2														5	3	13	23					
67/37		.3																2	2	14	44					
67/35																				5	49					
67/33																				3	12					
67/31																					14					
67/29																					4					
67/27																					5					
67/25																					3					
67/23																										
TOTAL	6.7	43.33	32.9	12.1	6.2	1.0	1.0	1.0										600	624	600	600					
Element (X)	ΣX ²		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.	3948968		47966		79.9		13.823		600		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					90					
Dry Bulb	1696748		32416		51.9		4.529		600												90					
Wet Bulb	1443943		29267		48.8		4.902		600												90					
Dew Point	1278997		27383		45.6		6.992		600		5.4										90					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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MONTH

34

HOURS 1, 5, 9.

[illegible]

PSYCHROMETRIC SUMMARY

73-79

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

73-79

352

STATION

STATION NAME

YEARS

MONTH

PAGE 1

7073-5200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

375

YEARS

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

950

STATION

STATION NAME

YEARS

MONTH

PAGE 2

267G-589:
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 3 290-115
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
13 / 61						.1			.1									2	2																
16 / 66						.1	.2	.3		.2								3	5																
14 / 63			.2	.5	.2	.6	.9	.5		.2								17	17																
7 / 61			.3	.5	.6	.3	.5	.2										19	16																
1 / 59	.8	1.4	1.9	1.1	1.7	.3	.5	.5	.3									57	57	13	7														
10 / 57	.5	1.6	1.7	2.6	1.7	.3	1.1	.5										64	64	18	12														
5 / 55	.6	1.6	4.3	3.1	2.1	1.6	.5	.5										91	91	35	14														
7 / 53	.3	1.7	5.7	1.7	1.2	1.6	.6	.3										80	80	52	25														
2 / 51	.8	3.3	5.4	2.5	1.6	.8	.2											93	93	82	34														
5 / 49	.2	2.1	5.4	1.9	1.2	1.4	.3	.2										98	83	101	33														
7 / 47		2.6	1.7	.6	.9	1.1												45	45	101	77														
7 / 45		2.7	1.6	1.6	.6	.5	.2											42	42	77	57														
14 / 43		1.4	.5	.6	.2	.2												18	18	54	73														
12 / 41	.5	.5	.3	.6	.2													13	13	43	63														
7 / 39	.2		.2	.8	.5													10	10	33	37														
10 / 37		.5																3	3	16	38														
10 / 35																				12	29														
3 / 33		.2																1	1	6	29														
12 / 31				.2														1	1	4	27														
7 / 29																					13														
10 / 27																				1	22														
10 / 25																					12														
10 / 23																					7														
12 / 21																					6														
7 / 19																					5														
10 / 17																					2														
10 / 15																					3														
7 / 13																					1														
1 / 11																					1														
TOTAL	3.7	19.7	28.4	18.1	12.9	9.3	4.5	2.8	.5	.2								645	597		645														

Element (X)	Σx'	Σx	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3285888	34482	69.3	18.408	645	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	1621656	34138	52.8	5.622	647		.2	.3				93
Wet Bulb	1482123	33710	47.6	5.565	645		.7					93
Dew Point	1179749	26993	41.8	8.820	645		14.7					93

PSYCHROMETRIC SUMMARY |

550

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152105 (1-3-7-1)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHRON. PIC SUMMARY

72-79

050

STATION

STATION NAME

YEARS

MONTH

PAGE 3

15 - 175
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 9 180-234
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79

090

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70	5.1	3.4	3.2	5.8	15.0	9.4	4.1	2.9	1.3	1.7	.1	.7	.7	.7				5.62	5166	5162	5162			

REVISED PREVIOUS EDITIONS OF THIS POEM ARE OBSOLETE

0.26-5 (OL A)

WILLIAM

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1 9 MONTEREY FAA CA

73-79

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
97																		1	1			
96																		3	1			
95																		4	4			
94																		5	5			
93																		11	11			
92																		12	12			
91																		13	13			
90																		24	24			
89																		46	46			
88																		79	31			
87																		92	92			
86																		176	177			
85																		251	253			
84																		465	467			
83																		814	815	13	3	
82																		1277	1282	53	7	
81																		2,773	2184	199	14	
80																		2,759	2965	65	66	
79																		4054	4084	1503	266	
78																		5894	5922	3518	791	
77																		6469	6498	5824	2526	
76																		7573	7510	7365	4551	
75																		7420	7509	6429	7349	
74																		6774	6812	6339	8378	
73																		5004	5040	7600	7587	
72																		2914	2937	5932	7051	
71																		2140	2151	3752	5806	
70																		1453	1463	2477	4419	
69																		979	996	1801	319	
68																		688	691	1120	2365	
67																		316	317	796	1653	
66																		170	170	496	1222	
65																		37	37	281	824	
64																		33	33	178	687	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-76

YEARS

241
MONTH

1256

ALL
HONG KONG (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23259 MONTEREY FAA CA

73-79

STATION	STATION NAME												YEARS
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-2	MEAN 43.3	48.5	50.0	49.7	51.9	53.9	55.2	57.0	57.4	54.8	50.2	45.3	51.8
	SD 5.191	4.109	4.092	2.973	2.882	2.504	2.541	2.668	3.600	3.862	4.954	5.666	5.388
	TOTAL OBS 642	577	639	628	651	625	651	650	630	648	624	647	7612
3-5	MEAN 45.3	47.3	48.7	48.6	51.1	53.1	54.4	56.2	56.5	53.9	49.3	45.1	50.8
	SD 5.524	4.493	4.442	3.316	2.894	2.569	2.573	2.628	3.703	4.244	5.286	5.898	5.625
	TOTAL OBS 631	582	641	630	651	624	649	651	630	645	624	648	7676
6-8	MEAN 45.3	47.1	49.0	50.2	53.1	55.1	55.6	57.0	57.2	54.3	49.0	45.0	51.5
	SD 5.775	4.836	4.528	4.026	4.121	4.112	3.187	3.123	4.355	4.777	5.449	6.116	6.305
	TOTAL OBS 632	581	641	629	646	620	646	645	626	640	623	648	7577
9-11	MEAN 52.3	54.1	55.2	56.6	58.8	60.4	60.6	62.0	63.2	61.5	57.3	52.8	57.9
	SD 5.396	4.665	4.496	4.556	5.436	5.610	4.029	3.789	5.837	5.819	5.750	5.622	6.291
	TOTAL OBS 635	570	640	623	646	622	644	645	624	645	622	647	7563
12-14	MEAN 57.2	58.0	57.9	59.3	61.8	63.6	64.7	65.9	67.0	64.8	61.2	58.0	61.7
	SD 5.799	4.547	4.751	4.447	5.665	4.812	3.924	3.800	5.476	5.750	5.734	4.786	6.023
	TOTAL OBS 630	574	636	626	648	621	647	644	629	648	618	642	7563
15-17	MEAN 56.3	56.8	56.9	58.3	60.8	63.1	64.2	65.0	65.9	62.9	59.1	56.5	60.5
	SD 5.712	4.048	4.731	4.209	5.823	5.331	3.936	3.808	5.131	5.107	4.965	4.431	5.944
	TOTAL OBS 635	579	643	626	646	624	649	642	630	649	623	646	7592
18-20	MEAN 50.9	52.7	53.2	53.9	56.2	58.5	59.6	60.4	61.1	58.3	54.1	50.4	55.8
	SD 4.736	3.564	3.944	3.721	4.742	4.761	3.809	3.331	4.039	3.834	4.298	4.304	5.451
	TOTAL OBS 637	583	646	626	648	622	649	642	625	645	627	644	7596
21-23	MEAN 48.2	50.2	51.1	51.4	53.3	55.4	56.5	58.1	58.9	56.1	51.9	47.9	53.3
	SD 4.626	3.855	3.534	2.943	3.304	3.107	2.723	2.666	3.698	3.643	4.529	5.060	5.147
	TOTAL OBS 640	576	642	628	647	627	649	647	629	646	624	644	7599
ALL HOURS	MEAN 50.1	51.8	52.7	53.5	55.9	57.9	58.8	60.2	60.9	58.3	54.0	50.2	55.4
	SD 6.946	5.840	5.472	5.450	5.954	5.734	5.096	4.815	5.943	6.152	6.743	7.106	7.005
	TOTAL OBS 5082	4622	5128	5018	5183	4985	5184	5166	5023	5166	4985	5166	60708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23259 MONTEREY FAA CA

73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-32	MEAN	43.6	45.9	47.2	46.9	49.4	51.5	53.3	55.1	54.9	52.3	47.5	43.6	49.3											
	S D	5.432	4.087	4.376	3.000	2.576	2.348	2.293	2.311	3.293	3.971	5.325	6.111	5.583											
	TOTAL OBS	642	575	639	619	651	625	645	643	633	648	620	647	7564											
3-5	MEAN	42.7	44.9	46.3	46.1	48.8	50.9	52.7	54.5	54.1	51.5	46.6	42.4	48.5											
	S D	5.822	4.377	4.611	3.368	2.702	2.355	2.404	2.344	3.231	4.271	5.557	6.394	5.837											
	TOTAL OBS	630	579	639	621	651	624	639	645	630	645	600	648	7551											
6-18	MEAN	42.2	44.5	46.3	47.2	50.0	52.2	53.5	54.9	54.5	51.5	46.1	42.1	48.8											
	S D	6.350	4.709	4.598	3.564	2.925	2.903	2.573	2.499	3.279	4.378	5.635	6.625	6.209											
	TOTAL OBS	632	581	639	619	646	620	637	639	626	640	597	648	7524											
9-11	MEAN	47.2	49.3	50.2	51.3	53.3	55.3	56.4	57.8	58.2	56.0	51.5	47.6	52.9											
	S D	5.022	4.056	4.051	3.329	3.483	3.381	2.714	2.435	3.141	3.829	4.829	5.565	5.410											
	TOTAL OBS	635	566	639	617	645	622	641	642	624	643	601	645	7522											
12-14	MEAN	50.6	51.8	51.9	52.8	54.9	56.9	58.5	59.8	60.0	58.0	54.0	51.0	55.1											
	S D	4.479	3.799	3.766	3.233	3.501	3.098	2.586	2.467	2.852	3.357	4.318	4.532	4.883											
	TOTAL OBS	630	573	636	619	647	621	644	643	629	646	593	642	7523											
15-17	MEAN	50.4	51.6	51.5	52.1	54.2	56.4	58.2	59.2	59.5	57.3	53.4	51.0	54.6											
	S D	4.225	3.333	3.703	3.115	3.512	3.028	2.569	2.386	2.819	3.394	3.959	4.139	4.697											
	TOTAL OBS	635	579	640	620	645	624	646	640	629	649	600	646	7553											
18-2	MEAN	47.4	49.1	49.3	49.6	51.6	53.9	55.8	56.9	57.1	54.7	50.5	47.1	51.9											
	S D	4.554	3.511	3.630	2.870	3.180	2.941	2.618	2.304	2.684	3.337	4.387	4.855	4.922											
	TOTAL OBS	637	582	645	617	647	622	644	640	625	645	603	643	7550											
21-23	MEAN	45.3	47.4	47.9	48.1	50.1	52.3	54.1	55.7	55.8	53.2	48.8	45.0	50.3											
	S D	4.869	3.912	3.757	2.755	2.632	2.456	2.373	2.198	2.850	3.588	4.902	5.631	5.188											
	TOTAL OBS	640	576	642	619	647	627	642	644	629	646	600	643	7555											
ALL HOURS	MEAN	46.2	48.0	48.8	49.3	51.5	53.7	55.3	56.7	56.8	54.3	49.8	46.2	51.4											
	S D	5.943	4.802	4.577	3.967	3.785	3.556	3.288	3.031	3.685	4.490	5.653	6.462	5.884											
	TOTAL OBS	5081	4613	5119	4951	5179	4985	5138	5136	5022	5162	4794	5162	60342											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23259 MONTEREY FAA CA

73-79

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-02	MEAN	43.3	43.1	44.4	44.2	47.1	49.4	51.8	53.6	52.9	50.1	44.4	40.2	46.8											
	S D	7.447	5.609	5.919	4.051	3.379	3.177	2.567	2.391	4.102	5.313	7.434	8.644	7.031											
	TOTAL OBS	642	575	639	619	651	625	645	643	630	648	600	647	7564											
3-05	MEAN	39.4	42.2	43.6	43.7	46.7	49.0	51.5	53.2	52.2	49.4	43.5	39.0	46.2											
	S D	7.876	5.735	6.055	4.430	3.449	3.207	2.603	2.499	4.287	5.566	7.733	8.364	7.306											
	TOTAL OBS	630	579	639	621	651	624	639	645	630	645	600	648	7551											
6-8	MEAN	38.6	41.7	43.3	44.2	47.2	49.8	51.9	53.2	52.3	48.9	42.6	38.3	46.0											
	S D	8.261	6.031	6.069	4.494	3.357	3.102	2.578	2.562	4.181	5.734	7.949	9.292	7.650											
	TOTAL OBS	632	581	639	619	646	620	637	639	626	540	597	648	7524											
9-11	MEAN	41.9	44.5	45.2	46.3	48.6	51.2	53.2	54.7	54.4	51.6	45.9	41.8	48.3											
	S D	7.544	6.177	6.227	4.451	3.792	3.540	2.728	2.345	3.599	4.851	7.272	8.820	7.066											
	TOTAL OBS	635	568	639	617	645	622	641	642	624	643	601	645	7522											
12-14	MEAN	43.9	45.7	46.2	46.9	49.2	51.6	53.9	55.4	55.1	52.8	47.3	43.0	49.4											
	S D	7.233	6.407	5.595	4.715	3.863	3.737	2.952	2.704	3.648	4.519	7.376	8.636	6.784											
	TOTAL OBS	630	573	636	619	647	621	644	643	629	646	593	642	7523											
15-17	MEAN	45.0	46.6	46.4	46.5	48.6	51.0	53.7	55.0	54.8	53.0	48.2	45.5	49.5											
	S D	6.236	5.392	5.200	4.612	3.723	3.760	3.012	2.529	3.319	4.113	6.462	7.294	6.041											
	TOTAL OBS	635	579	640	620	645	624	646	640	629	649	600	646	7553											
18-20	MEAN	43.7	45.7	45.5	45.5	47.7	50.0	52.8	54.2	53.9	51.7	46.9	43.6	48.5											
	S D	6.633	5.076	5.035	3.915	3.785	3.732	3.025	2.432	3.482	4.276	6.310	7.316	6.100											
	TOTAL OBS	637	582	645	617	647	622	644	640	625	645	603	643	7550											
21-23	MEAN	42.0	44.5	44.8	44.9	47.2	49.7	52.3	53.9	53.4	50.8	45.6	41.5	47.6											
	S D	6.854	5.357	5.354	3.878	3.551	3.366	2.678	2.267	3.895	4.894	6.992	8.187	6.559											
	TOTAL OBS	640	576	642	619	647	627	642	644	629	646	600	643	7555											
ALL HOURS	MEAN	41.8	44.2	44.9	45.3	47.8	50.2	52.6	54.1	53.6	51.0	45.6	41.7	47.8											
	S D	7.572	5.974	5.792	4.471	3.711	3.564	2.895	2.580	3.961	5.129	7.426	8.721	6.953											
	TOTAL OBS	5081	4613	5119	4951	5179	4985	5138	5136	5022	5162	4794	5162	60343											

RELATIVE HUMIDITY

73-79

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.8	98.9	96.4	88.0	77.4	59.0	28.0	80.6	642
	03-05	100.0	100.0	100.0	98.9	97.3	87.8	75.7	60.6	31.0	80.8	630
	06-08	100.0	100.0	99.8	98.6	94.1	85.9	75.5	55.1	28.5	79.6	632
	09-11	100.0	100.0	99.2	95.0	85.0	71.2	53.5	30.2	13.4	70.5	635
	12-14	100.0	100.0	97.1	86.7	72.5	61.0	38.6	17.8	4.9	63.7	630
	15-17	100.0	100.0	98.4	92.8	83.5	70.6	52.3	24.6	7.9	68.7	635
	18-20	100.0	100.0	99.4	98.0	93.6	87.0	73.6	48.5	19.3	77.7	637
	21-23	100.0	100.0	99.8	99.8	95.2	88.8	75.2	57.2	26.3	80.2	640
TOTALS		100.0	100.0	99.2	96.1	89.7	80.0	65.2	44.1	19.9	75.2	3081

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259 MONTEREY FAA CA

73-79

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.8	99.1	96.9	93.7	86.6	64.7	26.1	82.4	575
	03-05	100.0	100.0	99.8	99.5	96.7	94.5	87.6	62.9	29.2	83.0	579
	06-08	100.0	100.0	99.8	99.3	97.9	94.0	83.6	59.9	26.0	82.2	581
	09-11	100.0	100.0	99.3	96.1	89.3	79.2	58.8	27.5	7.0	71.4	563
	12-14	100.0	100.0	97.7	91.3	84.5	66.0	39.3	14.5	2.4	65.5	573
	15-17	100.0	99.8	98.6	95.9	91.9	78.6	55.4	21.4	2.2	70.1	579
	18-20	100.0	100.0	99.8	98.5	97.9	92.6	78.2	44.5	10.0	77.9	582
	21-23	100.0	100.0	99.8	99.1	98.1	94.6	86.6	59.5	18.4	81.4	576
TOTALS		100.0	100.0	99.3	97.4	94.2	86.7	72.3	44.4	15.2	76.7	4613

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RELATIVE HUMIDITY

MAR
MONTH

STATION

STATION NAME

PERIOD

ADAM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.7	99.1	95.4	94.8	87.3	59.5	17.8	81.7	639
	03-05	100.0	100.0	100.0	98.9	98.7	95.9	89.9	63.1	25.0	83.1	639
	06-08	100.0	100.0	100.0	99.2	98.0	94.5	85.4	55.6	22.2	81.3	639
	09-11	100.0	100.0	98.4	96.4	91.9	79.7	51.0	21.4	8.5	75.6	639
	12-14	100.0	100.0	98.3	95.6	90.1	69.2	39.5	13.4	3.0	66.6	636
	15-17	100.0	99.5	96.8	96.7	93.8	78.1	46.9	17.2	4.1	69.3	640
	18-20	100.0	100.0	99.8	98.6	96.9	91.0	74.0	33.0	9.3	76.1	645
	21-23	100.0	100.0	100.0	99.1	97.7	94.2	84.3	47.7	14.5	79.7	642
TOTALS		100.0	99.9	99.4	98.0	95.7	87.2	69.7	38.9	13.1	76.1	5119

RELATIVE HUMIDITY

73-79

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.1	89.7	54.8	17.9	81.7	619
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	90.8	65.7	23.5	83.6	621
	06-08	100.0	100.0	99.8	99.7	98.5	94.3	83.0	54.3	17.9	80.7	619
	09-11	100.0	100.0	99.2	98.1	94.7	80.6	48.8	16.0	3.6	69.7	617
	12-14	100.0	99.7	98.9	96.3	88.9	66.2	32.0	7.8	1.3	64.8	619
	15-17	100.0	99.8	98.5	96.6	91.0	68.7	36.5	9.5	1.6	65.9	620
	18-20	100.0	100.0	99.5	99.4	97.6	88.2	67.6	24.6	5.7	74.1	617
	21-23	100.0	100.0	99.8	99.5	99.5	96.6	84.2	43.6	9.2	79.1	619
TOTALS		100.0	99.9	99.5	98.7	96.3	86.3	66.6	34.5	10.1	75.0	4951

RELATIVE HUMIDITY

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.7	99.5	98.2	93.1	66.2	22.9	83.7	651
	03-05	100.0	100.0	100.0	100.0	99.5	98.5	95.2	69.7	29.5	85.3	651
	06-08	100.0	100.0	99.8	99.7	98.6	95.7	85.1	52.8	19.8	81.1	646
	09-11	100.0	99.7	99.2	97.7	95.5	82.8	50.9	14.6	2.9	70.2	645
	12-14	100.0	99.5	99.2	97.4	91.5	66.5	26.3	3.7	.3	64.3	647
	15-17	100.0	99.5	98.9	96.9	91.0	68.8	30.7	6.5	.8	65.2	645
	18-20	100.0	99.8	99.7	98.3	94.9	88.1	68.0	29.4	4.2	74.2	647
	21-23	100.0	100.0	100.0	100.0	96.8	93.8	87.3	53.0	12.5	80.4	647
TOTALS		100.0	99.8	99.6	98.7	95.9	86.6	67.1	37.0	11.6	75.6	5179

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259 MONTEREY FAA CA

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.4	98.4	92.2	73.9	25.9	84.8	625
	03-05	100.0	100.0	100.0	99.8	99.5	98.7	92.9	77.2	34.8	86.3	624
	06-08	100.0	100.0	100.0	100.0	99.2	96.1	85.2	62.6	24.0	82.8	620
	09-11	100.0	99.8	99.2	97.6	95.8	86.2	60.8	21.5	4.3	72.8	622
	12-14	100.0	100.0	99.0	97.7	91.3	70.7	30.6	6.1	1.1	65.8	621
	15-17	100.0	99.7	97.9	96.0	91.8	72.3	34.8	6.7	1.0	66.1	624
	18-20	100.0	99.8	98.4	97.3	96.3	90.2	68.3	29.9	4.7	74.5	622
	21-23	100.0	100.0	99.8	99.4	98.4	96.2	88.5	58.1	14.4	81.5	627
TOTALS		100.0	99.9	99.3	98.5	96.5	88.6	69.2	42.0	13.8	76.8	4985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259

MONTEREY FAA CA

73-79

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PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.5	97.8	88.4	37.8	88.2	645
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.9	92.8	47.3	89.8	639
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	97.2	81.2	36.9	87.4	637
	09-11	100.0	100.0	100.0	100.0	99.1	95.2	75.0	29.8	6.1	76.9	641
	12-14	100.0	100.0	100.0	99.1	97.2	84.0	35.1	6.5	.9	68.5	644
	15-17	100.0	100.0	100.0	99.1	96.1	84.4	43.3	7.1	.6	69.1	646
	18-20	100.0	100.0	100.0	99.4	97.7	94.7	83.7	45.7	7.3	78.8	644
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	96.3	78.2	22.0	85.5	642
TOTALS		100.0	100.0	100.0	99.7	98.8	94.6	78.4	53.7	19.9	80.5	5138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259
STATION

MONTEREY FAA CA
STATION NAME

73-79
PERIOD

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.6	85.7	36.5	88.3	643
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.7	90.9	44.7	89.3	645
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	96.4	80.6	34.6	87.1	639
	09-11	100.0	100.0	100.0	100.0	99.5	96.1	75.7	29.9	5.1	77.1	642
	12-14	100.0	100.0	100.0	99.7	98.4	85.8	37.8	9.0	.6	69.2	643
	15-17	100.0	100.0	100.0	99.7	99.1	84.8	47.7	12.0	.8	70.3	640
	18-20	100.0	100.0	100.0	100.0	99.4	96.7	86.4	51.1	8.1	80.3	640
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	98.0	74.5	21.1	85.7	644
TOTALS		100.0	100.0	100.0	99.9	99.6	95.2	79.8	54.2	18.9	80.9	5136

RELATIVE HUMIDITY

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RELATIVE HUMIDITY

23259
STATION

MONTEREY FAA CA

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OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.4	98.0	93.5	90.1	72.4	32.6	84.6	648
	03-05	100.0	100.0	100.0	99.7	98.0	94.0	89.6	72.9	38.8	85.3	645
	06-08	100.0	100.0	99.8	98.4	95.9	91.4	86.4	68.0	32.5	83.1	640
	09-11	100.0	100.0	99.4	95.5	89.9	78.5	58.6	27.7	8.6	71.9	643
	12-14	100.0	99.4	98.3	94.4	88.2	74.5	39.9	11.9	1.4	66.7	646
	15-17	100.0	100.0	99.7	98.6	91.7	82.0	55.2	19.9	2.6	71.0	649
	18-20	100.0	100.0	100.0	99.8	96.6	93.8	81.7	50.9	10.5	79.5	645
	21-23	100.0	100.0	100.0	99.1	97.2	95.5	88.5	64.9	24.5	82.9	646
TOTALS		100.0	99.9	99.7	98.1	94.4	87.9	73.8	48.6	18.9	78.1	5162

RELATIVE HUMIDITY

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	98.3	93.7	90.7	81.2	61.7	24.8	81.2	600
	03-05	100.0	100.0	100.0	98.2	92.7	87.7	80.2	63.7	32.0	81.3	600
	06-08	100.0	100.0	100.0	97.5	91.6	85.8	77.2	59.1	28.8	79.9	597
	09-11	100.0	99.8	97.8	93.2	82.9	69.1	44.6	21.1	9.7	67.8	601
	12-14	100.0	99.2	94.8	87.4	78.1	59.5	34.9	11.3	4.6	63.0	593
	15-17	100.0	99.8	97.0	92.7	89.2	75.8	50.3	21.3	6.2	69.1	600
	18-20	100.0	100.0	99.8	98.5	94.4	90.0	77.6	43.4	13.3	77.4	603
	21-23	100.0	100.0	100.0	98.2	95.3	89.5	79.7	58.7	18.8	79.9	600
TOTALS		100.0	99.9	98.7	95.5	89.7	81.0	65.7	42.5	17.3	75.0	4794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259 MONTEREY FAA CA

73-79

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.5	99.4	98.1	96.1	87.0	75.1	60.6	31.5	80.7	647
	03-05	100.0	100.0	100.0	98.1	95.2	34.7	74.2	59.4	35.5	80.5	648
	06-08	100.0	100.0	99.4	98.3	92.3	84.1	70.7	54.5	30.7	78.8	648
	09-11	100.0	100.0	98.1	90.7	81.4	68.4	52.9	28.1	12.4	69.0	645
	12-14	100.0	99.5	94.1	83.0	70.9	55.9	36.8	15.3	5.3	62.0	642
	15-17	100.0	99.8	97.8	90.9	84.4	71.4	53.6	24.0	6.0	68.7	646
	18-20	100.0	100.0	99.5	98.3	94.9	87.1	75.7	50.2	18.7	78.4	643
	21-23	100.0	99.8	99.5	98.1	95.3	87.2	75.0	57.1	27.5	79.8	643
TOTALS		100.0	99.8	98.5	94.4	88.8	78.2	63.9	43.7	21.0	74.7	5162

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23259 MONTEREY FAA CA

73-79

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.2	96.1	89.7	80.0	65.2	44.1	19.9	75.2	5081
FEB		100.0	100.0	99.3	97.4	94.2	86.7	72.0	44.4	15.2	76.7	4613
MAR		100.0	99.9	99.4	98.0	95.7	87.2	69.7	38.9	13.1	76.1	5119
APR		100.0	99.9	99.5	98.7	96.3	86.3	66.6	34.5	10.1	75.0	4951
MAY		100.0	99.8	99.6	98.7	95.9	86.6	67.1	37.0	11.6	75.6	5179
JUN		100.0	99.9	99.3	98.5	96.5	88.6	69.2	42.0	13.8	76.8	4985
JUL		100.0	100.0	100.0	99.7	98.8	94.6	78.4	53.7	19.9	80.5	5138
AUG		100.0	100.0	100.0	99.9	99.6	95.2	79.8	54.2	18.9	80.9	5136
SEP		100.0	99.9	99.3	97.9	95.3	89.1	73.6	49.7	17.5	78.3	5022
OCT		100.0	99.9	99.7	98.1	94.2	87.9	73.8	48.6	18.9	78.1	5162
NOV		100.0	99.9	98.7	95.5	89.7	81.0	65.7	32.5	17.3	75.0	4794
DEC		100.0	99.8	98.5	94.4	88.8	78.2	63.9	43.7	21.0	74.7	5162
TOTALS		100.0	99.9	99.4	97.7	94.6	86.8	70.4	44.4	16.4	76.9	60342

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

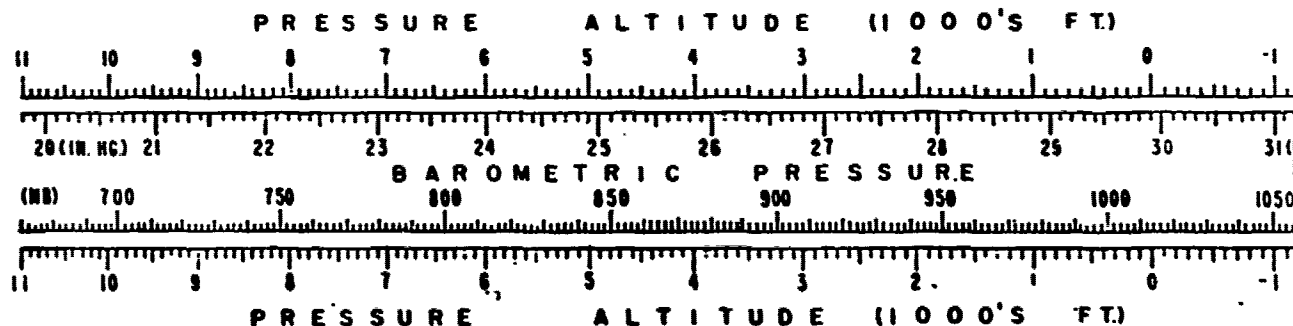
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observed of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same calculations are also provided at the bottom of the tables for all hours combined. All years of data available are combined in both of these tables, although the period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23259 MONTEREY FAA CA

73-79

STATION	STATION NAME												YEARS											
HRS. (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
MEAN	29.833	29.840	29.775	29.794	29.740	29.721	29.716	29.714	29.685	29.757	29.826	29.863	29.771											
S.D.	.154	.161	.160	.099	.090	.095	.069	.066	.076	.086	.130	.144	.128											
TOTAL OBS	217	197	217	210	217	210	217	217	210	217	210	216	2553											
MEAN	29.822	29.827	29.759	29.779	29.726	29.711	29.707	29.705	29.677	29.748	29.822	29.859	29.762											
S.D.	.155	.164	.163	.099	.089	.094	.068	.067	.078	.085	.132	.143	.130											
TOTAL OBS	216	197	217	210	217	209	216	217	210	217	210	217	2553											
MEAN	29.827	29.832	29.774	29.795	29.747	29.730	29.729	29.725	29.698	29.761	29.833	29.862	29.776											
S.D.	.159	.168	.162	.099	.089	.092	.069	.066	.077	.085	.130	.146	.129											
TOTAL OBS	217	197	217	210	217	210	216	216	210	216	210	217	2553											
MEAN	29.859	29.860	29.809	29.814	29.758	29.743	29.744	29.743	29.718	29.786	29.860	29.895	29.798											
S.D.	.161	.167	.160	.098	.090	.092	.069	.065	.076	.087	.135	.144	.130											
TOTAL OBS	216	195	216	209	217	210	217	217	209	217	210	217	2550											
MEAN	29.816	29.835	29.781	29.799	29.749	29.740	29.738	29.731	29.697	29.757	29.821	29.852	29.776											
S.D.	.159	.166	.156	.098	.091	.093	.071	.068	.078	.087	.133	.141	.125											
TOTAL OBS	216	197	217	209	217	208	217	217	210	217	210	217	2552											
MEAN	29.800	29.809	29.755	29.775	29.732	29.725	29.718	29.708	29.673	29.739	29.805	29.837	29.758											
S.D.	.158	.166	.150	.096	.093	.094	.072	.070	.077	.085	.133	.147	.125											
TOTAL OBS	217	197	213	209	216	208	217	216	210	217	210	216	2546											
MEAN	29.817	29.821	29.762	29.776	29.731	29.719	29.712	29.702	29.675	29.749	29.820	29.850	29.761											
S.D.	.157	.170	.153	.094	.087	.094	.070	.068	.076	.086	.131	.148	.128											
TOTAL OBS	217	197	216	210	217	210	217	217	210	217	210	216	2554											
MEAN	29.833	29.836	29.784	29.798	29.750	29.736	29.725	29.718	29.690	29.764	29.835	29.867	29.778											
S.D.	.155	.169	.154	.096	.091	.092	.069	.068	.077	.085	.134	.143	.128											
TOTAL OBS	217	197	216	210	216	210	217	217	209	217	210	216	2552											
ALL HOURS	MEAN	29.825	29.833	29.774	29.791	29.742	29.728	29.724	29.718	29.689	29.758	29.828	29.860	29.772										
	S.D.	.158	.166	.158	.098	.090	.094	.070	.068	.078	.087	.133	.145	.128										
	TOTAL OBS	1733	1574	1729	1677	1734	1675	1734	1734	1678	1735	1680	1732	20415										